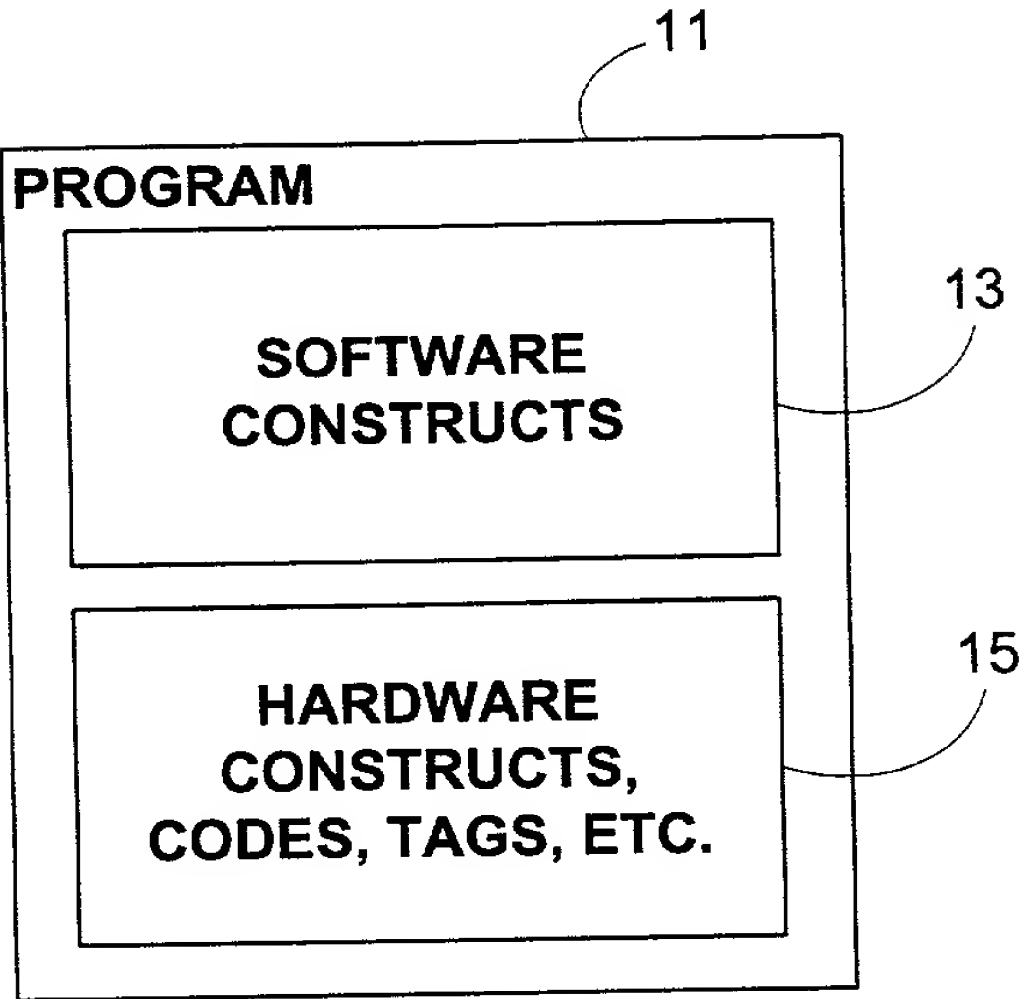
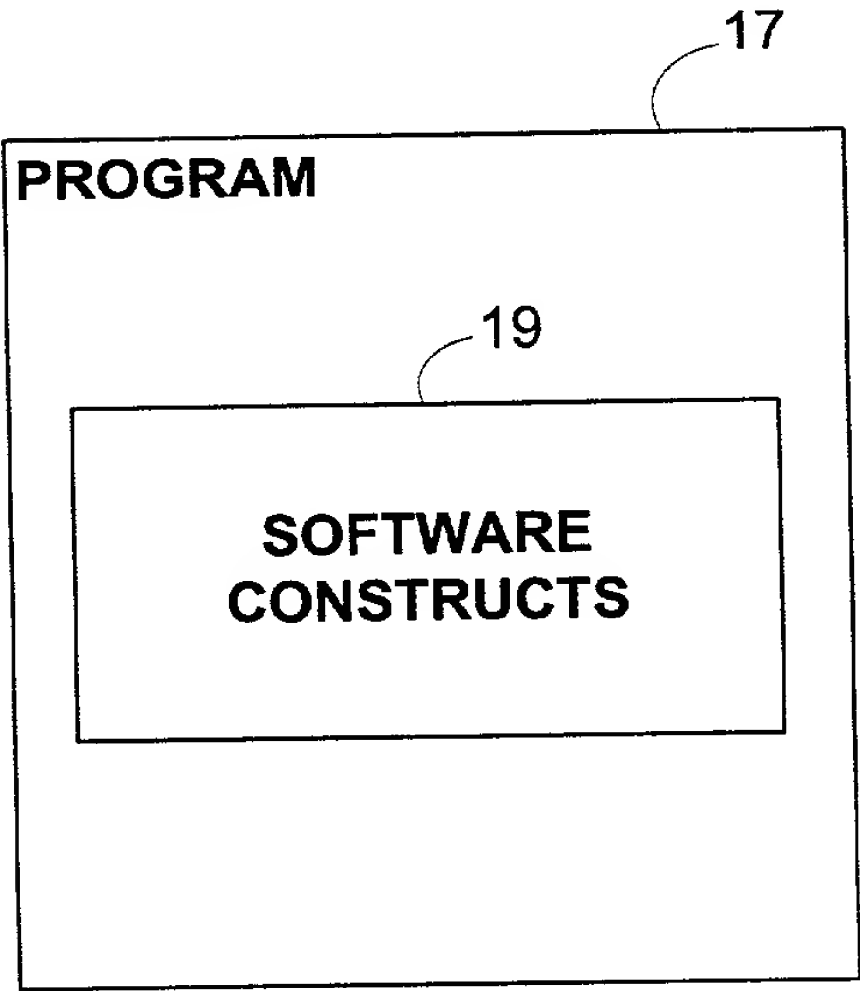


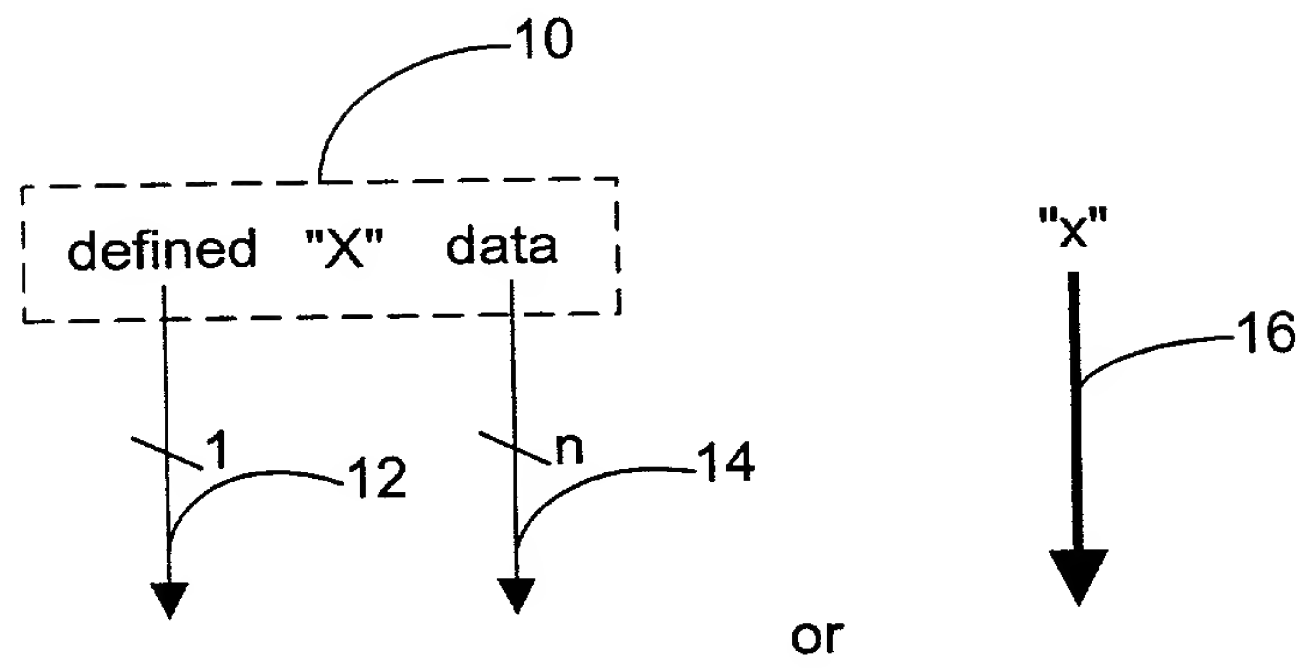
**FIG. 1**



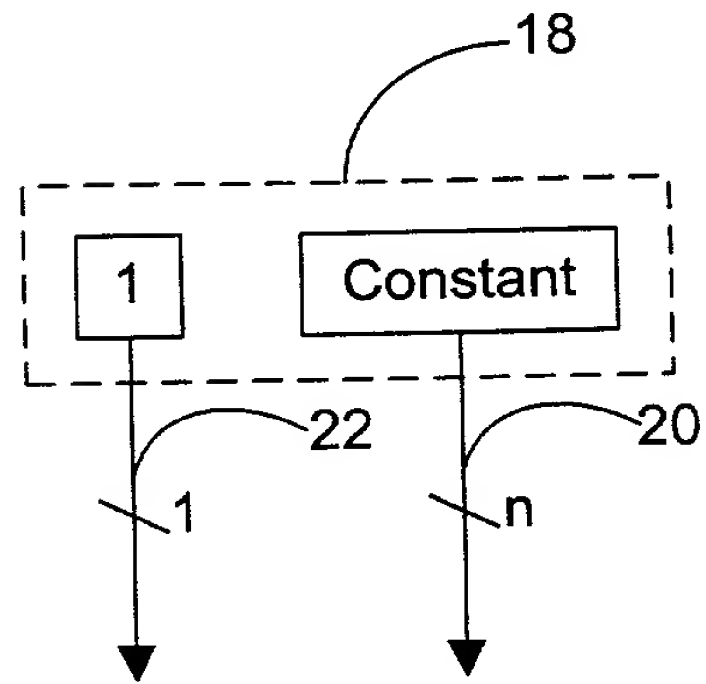
**FIG. 2**  
(PRIOR ART)



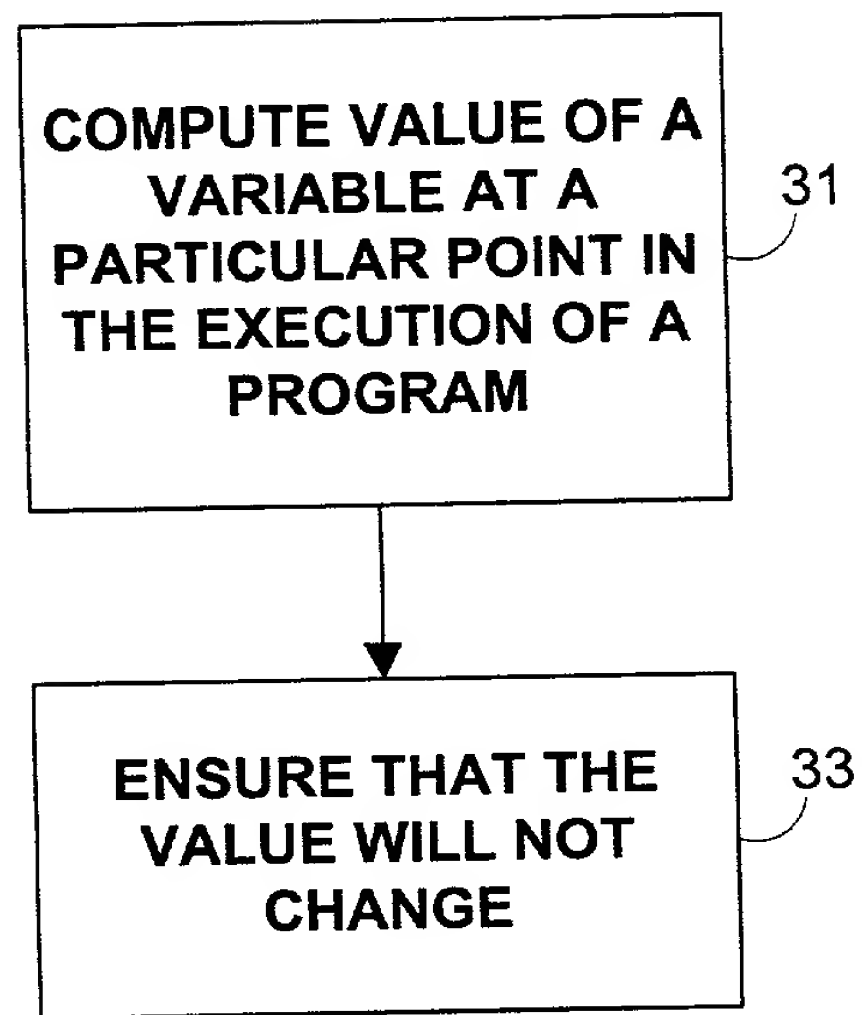
**FIG. 3**



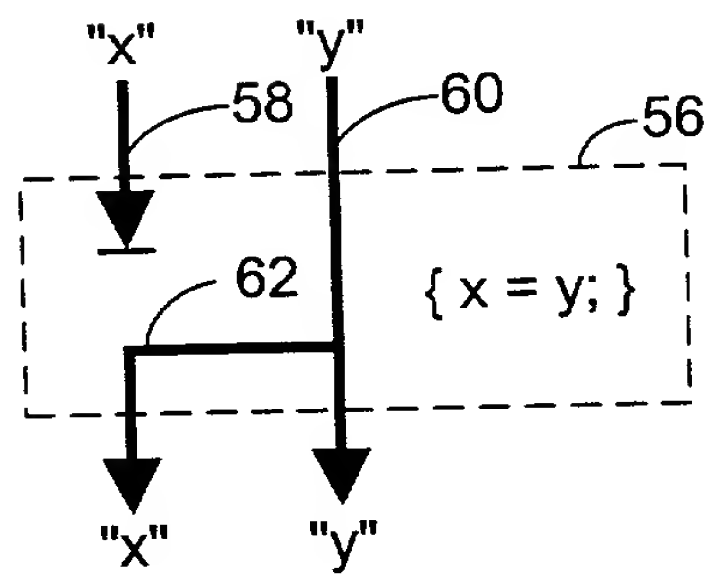
**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**

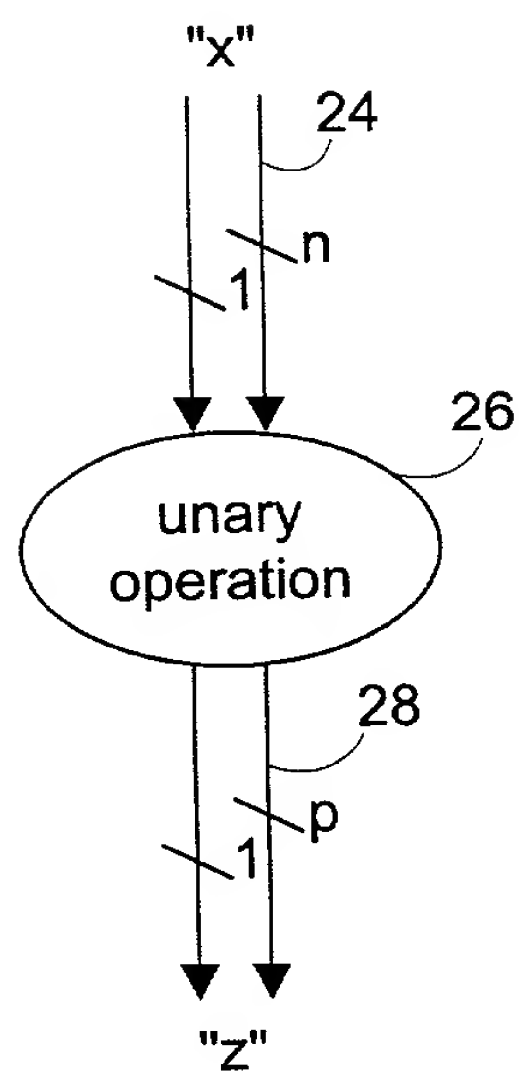


FIG. 8

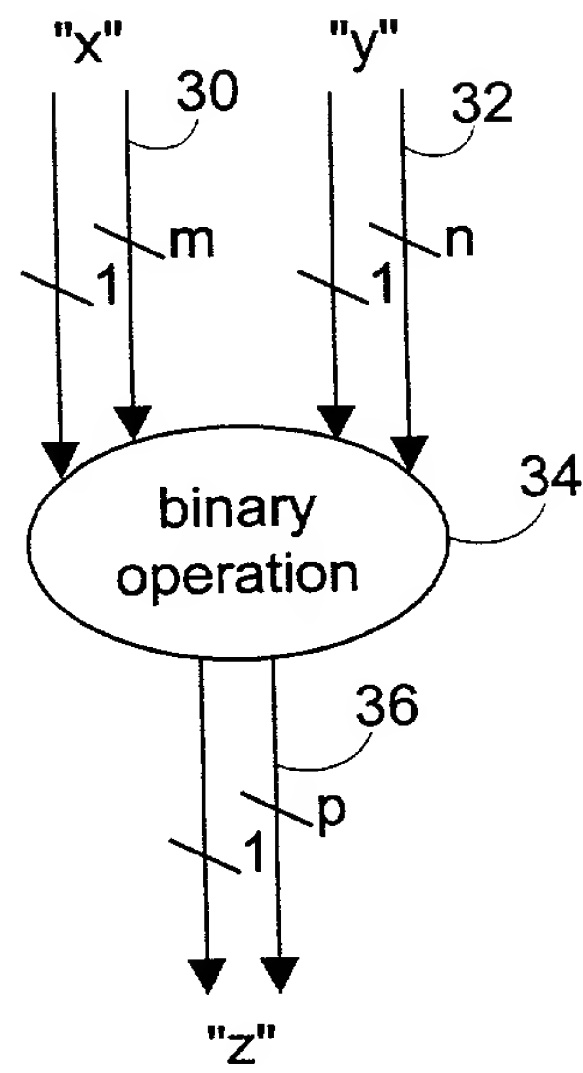
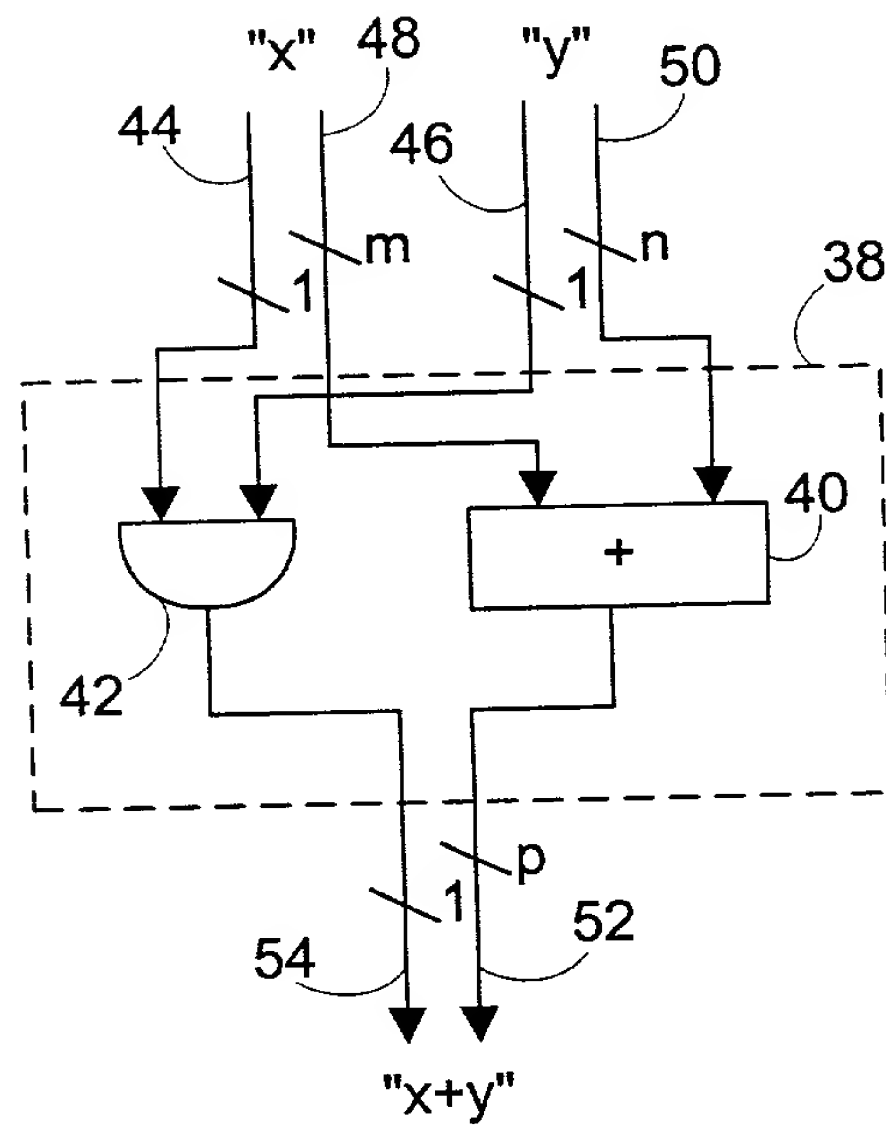
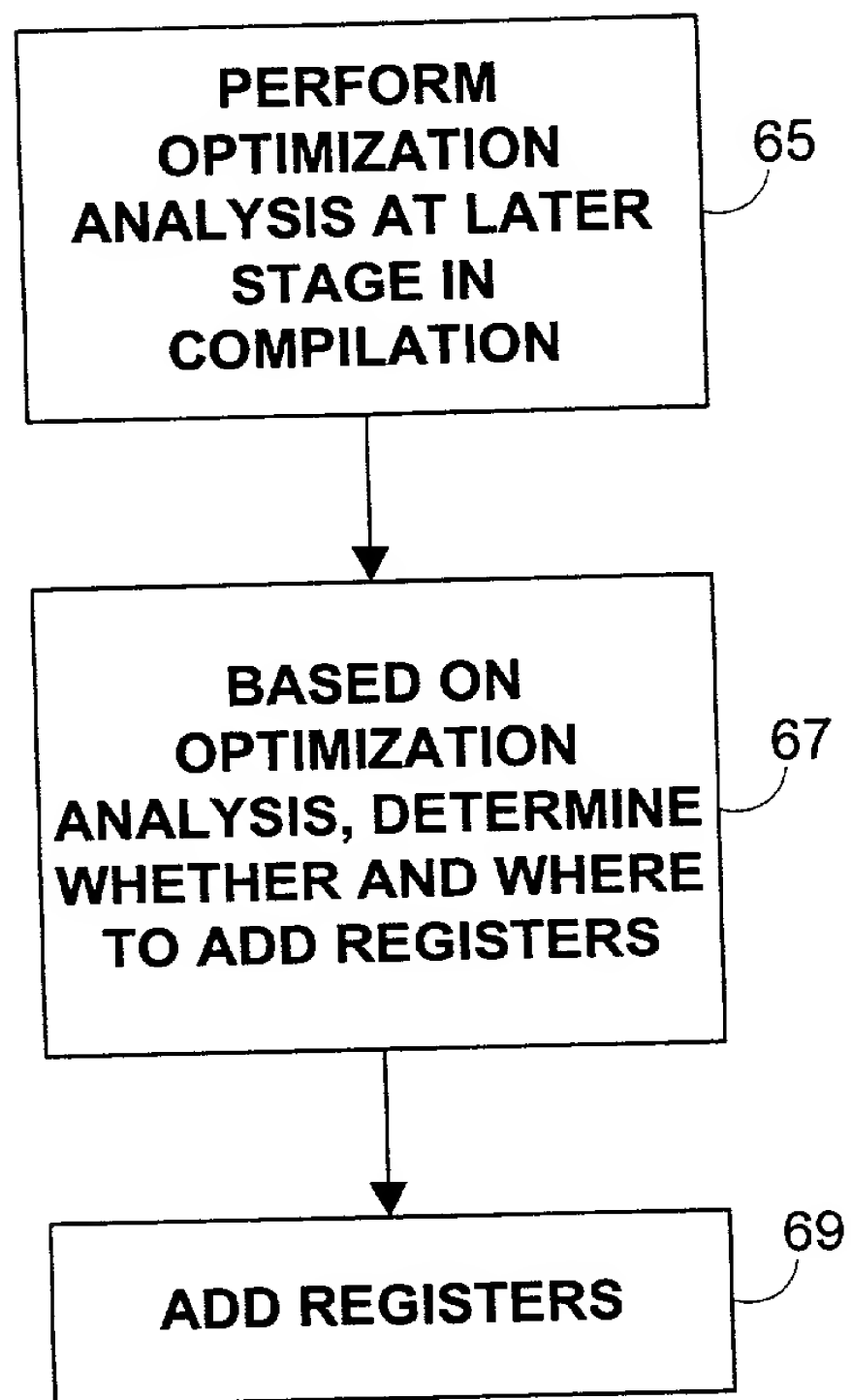


FIG. 9

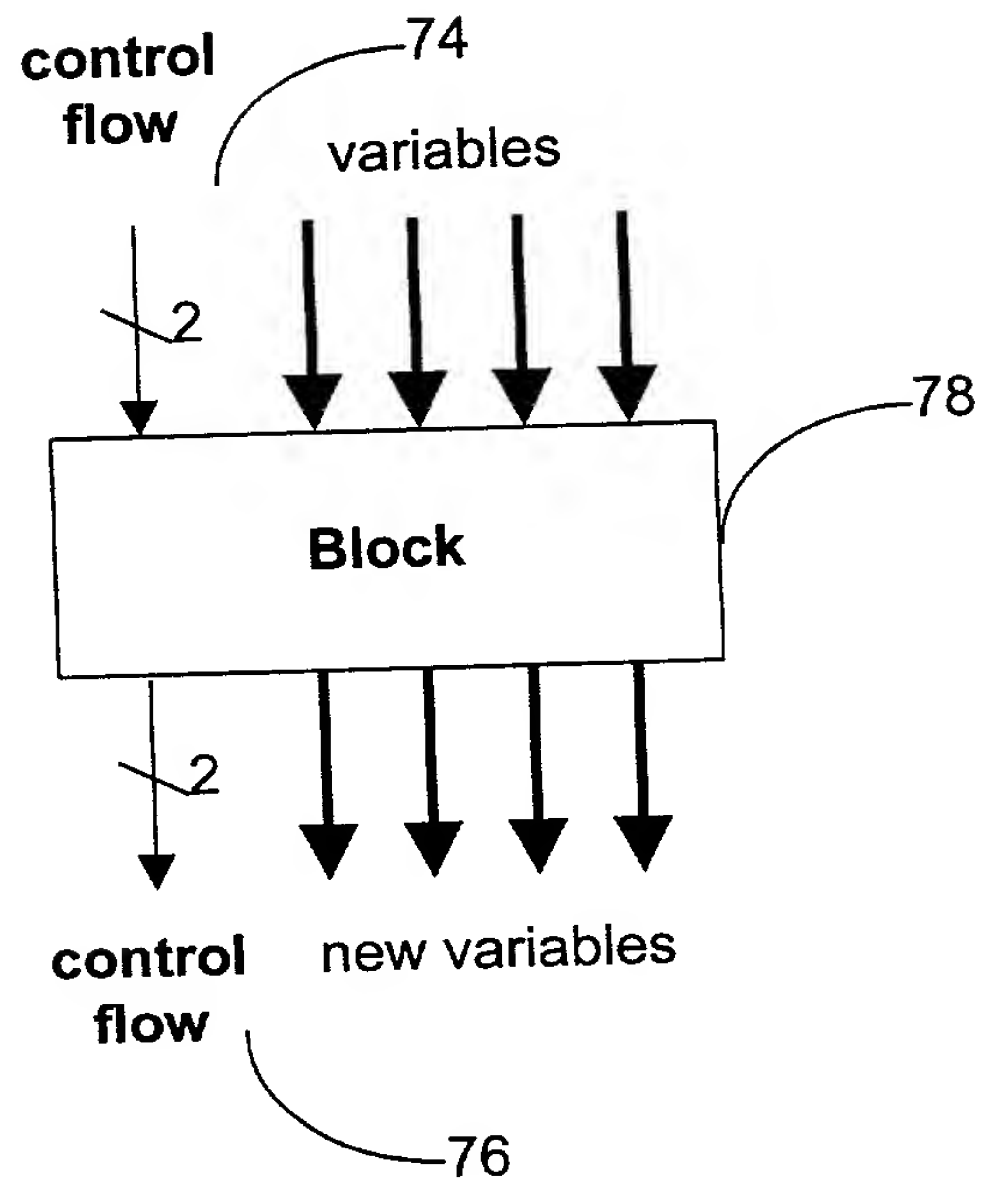


**FIG. 10**





**FIG. 11**



**FIG. 12**

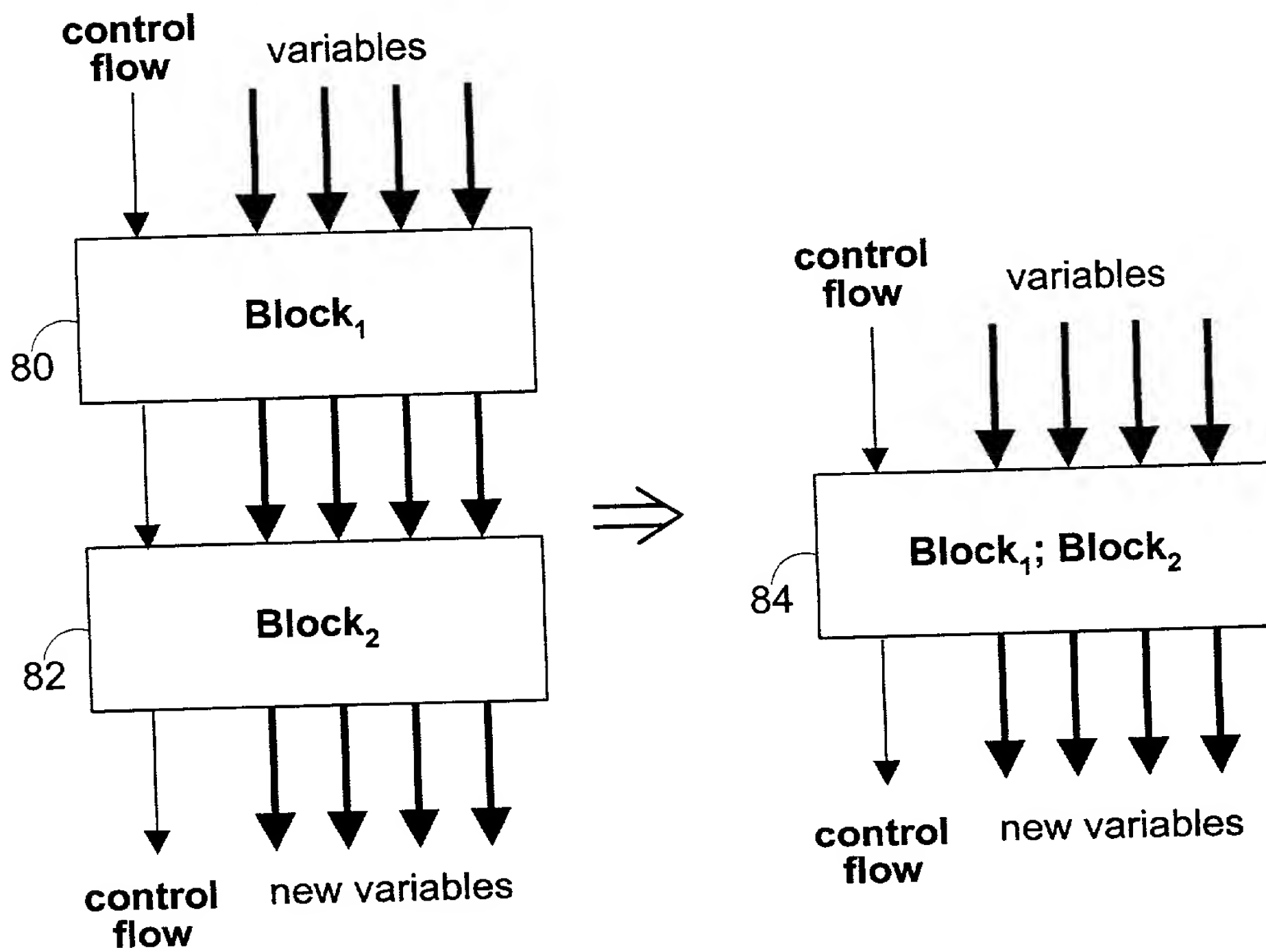
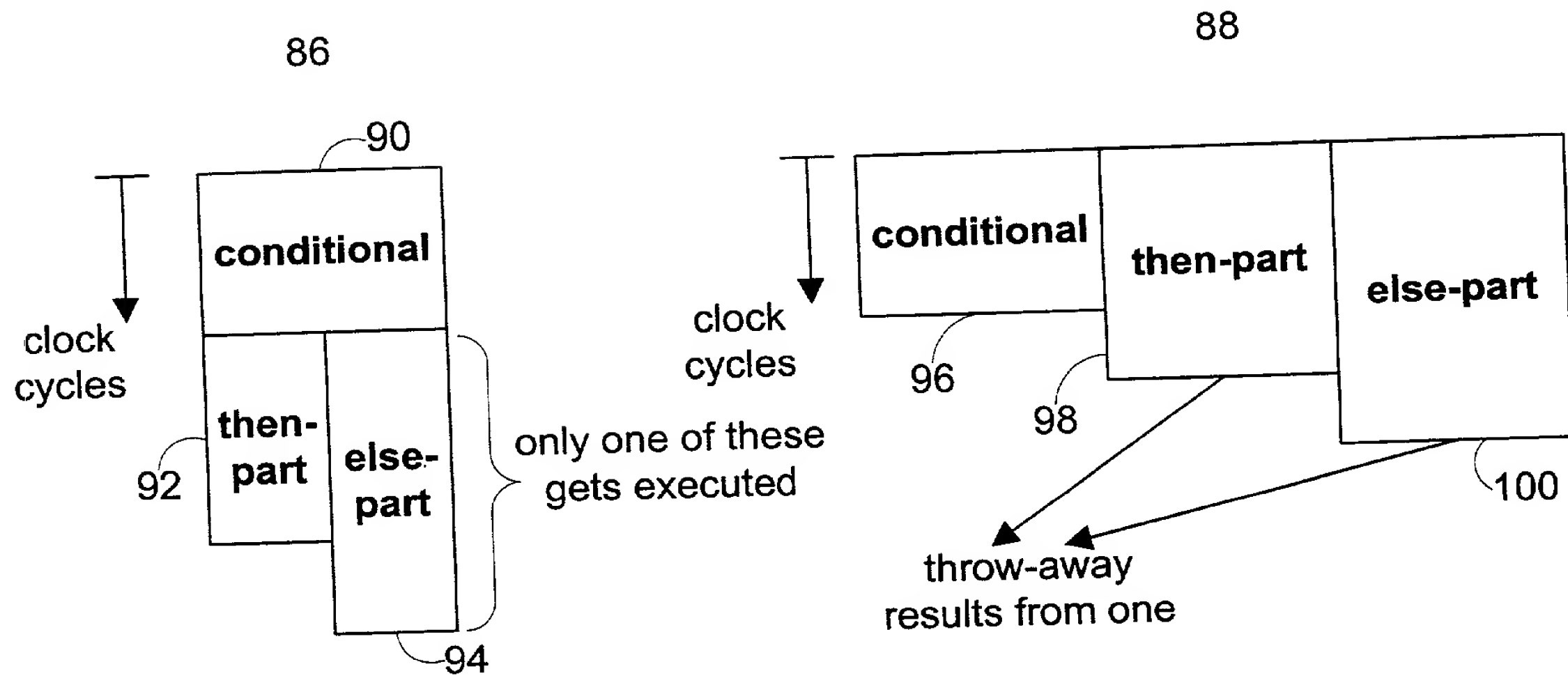


FIG. 13



**FIG. 14**

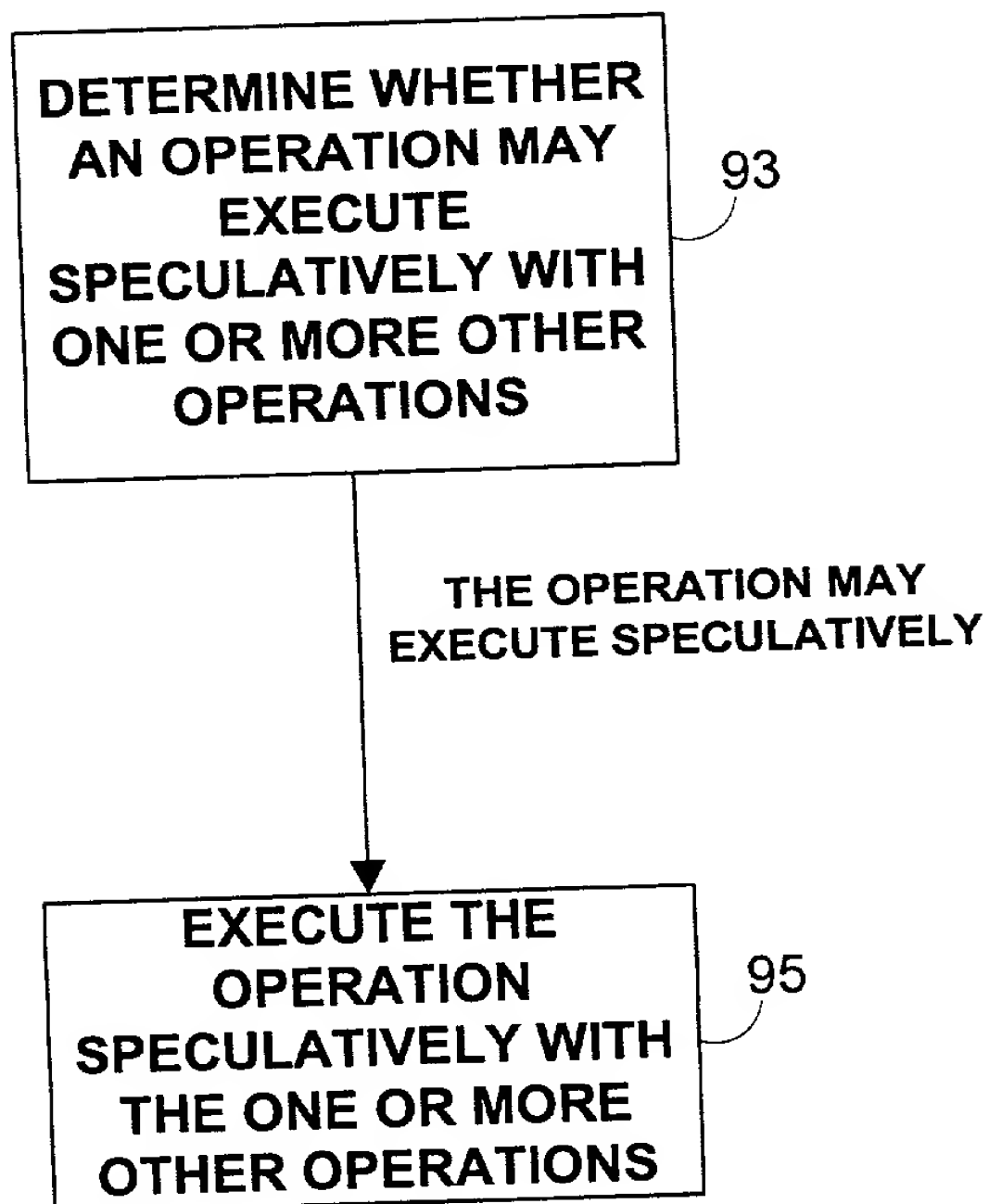


FIG. 15

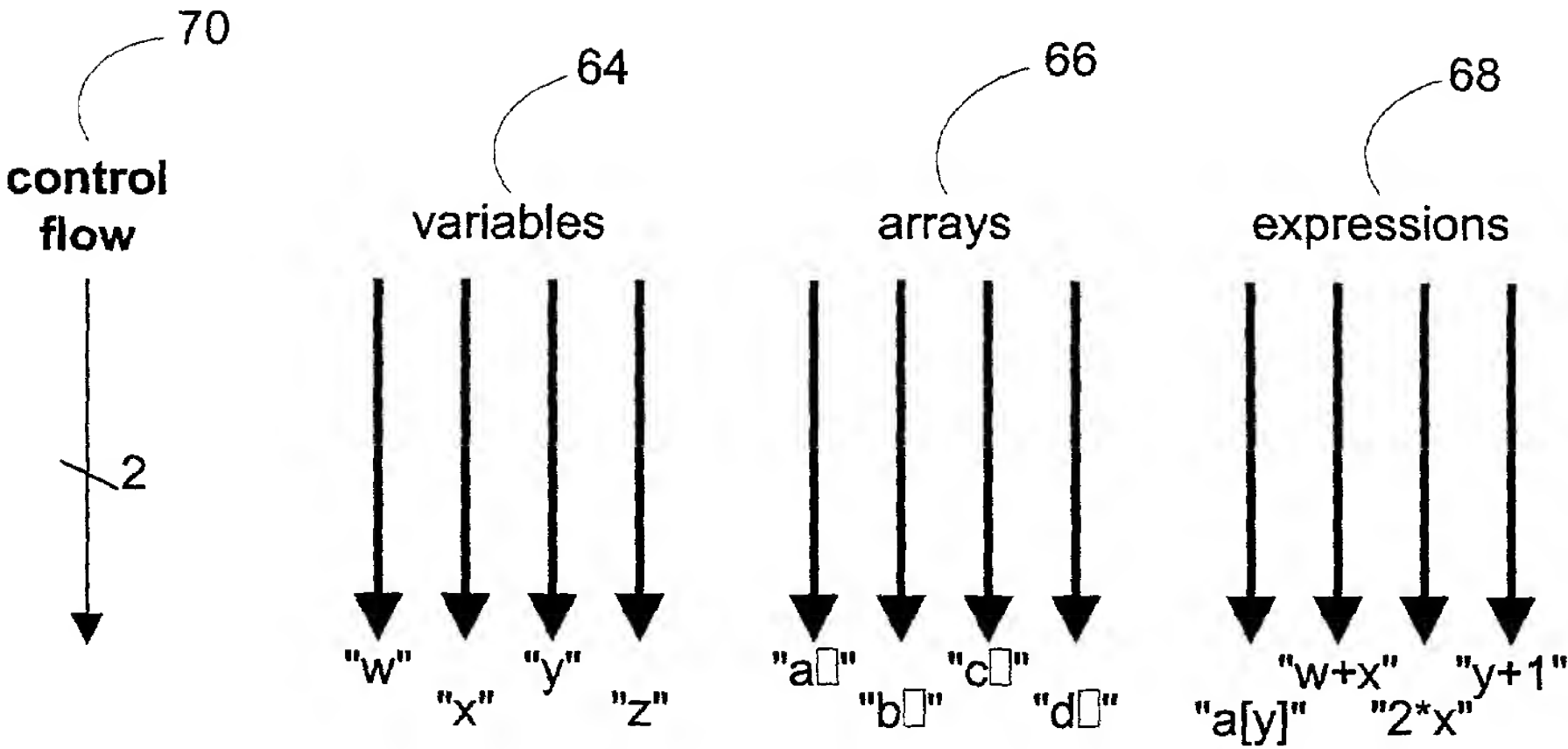


FIG. 16

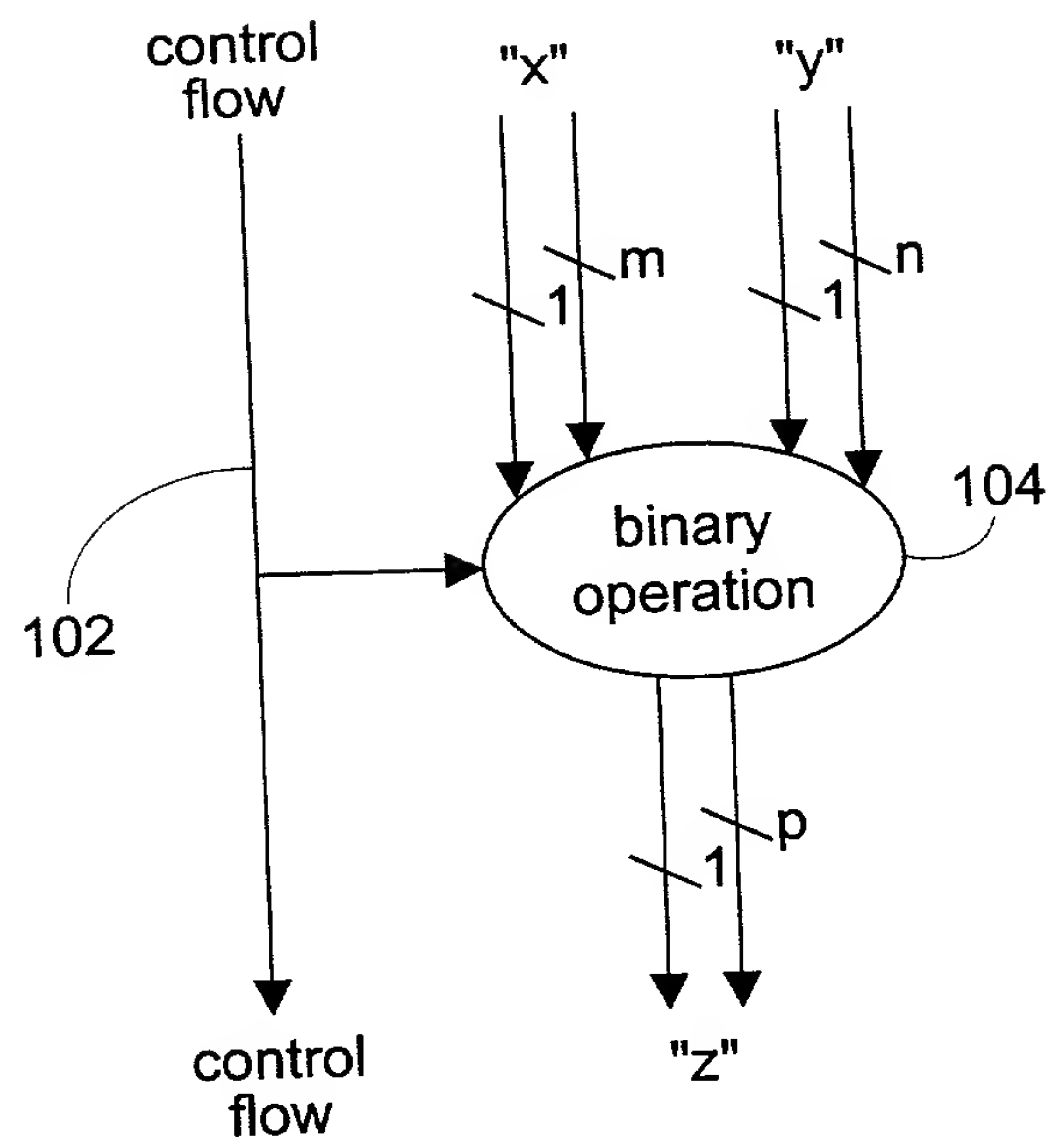
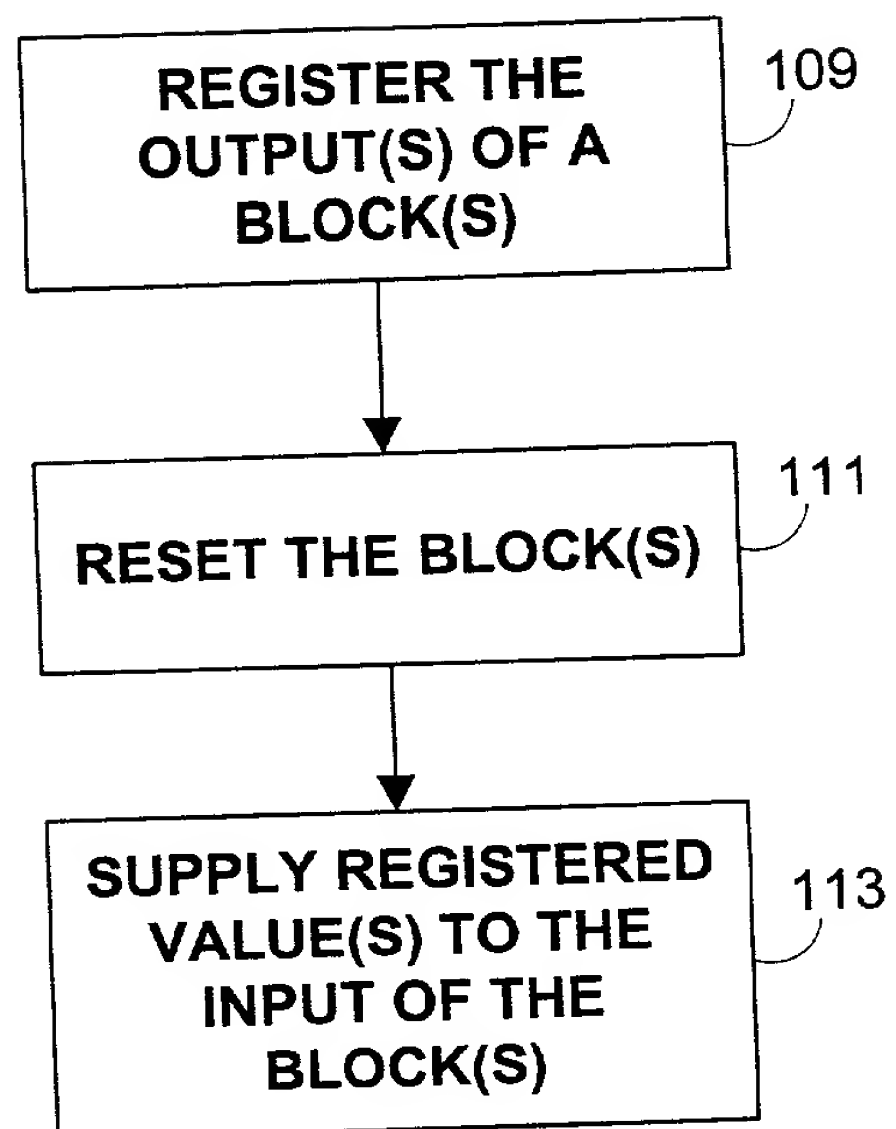
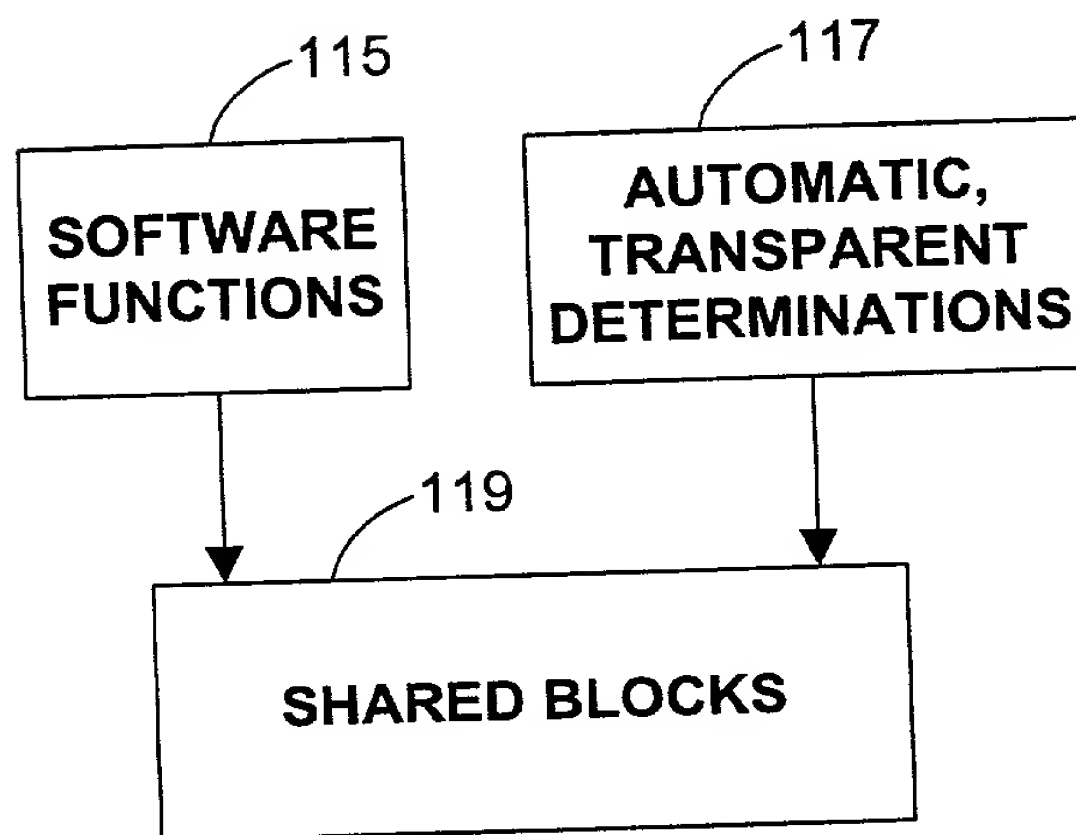


FIG. 17

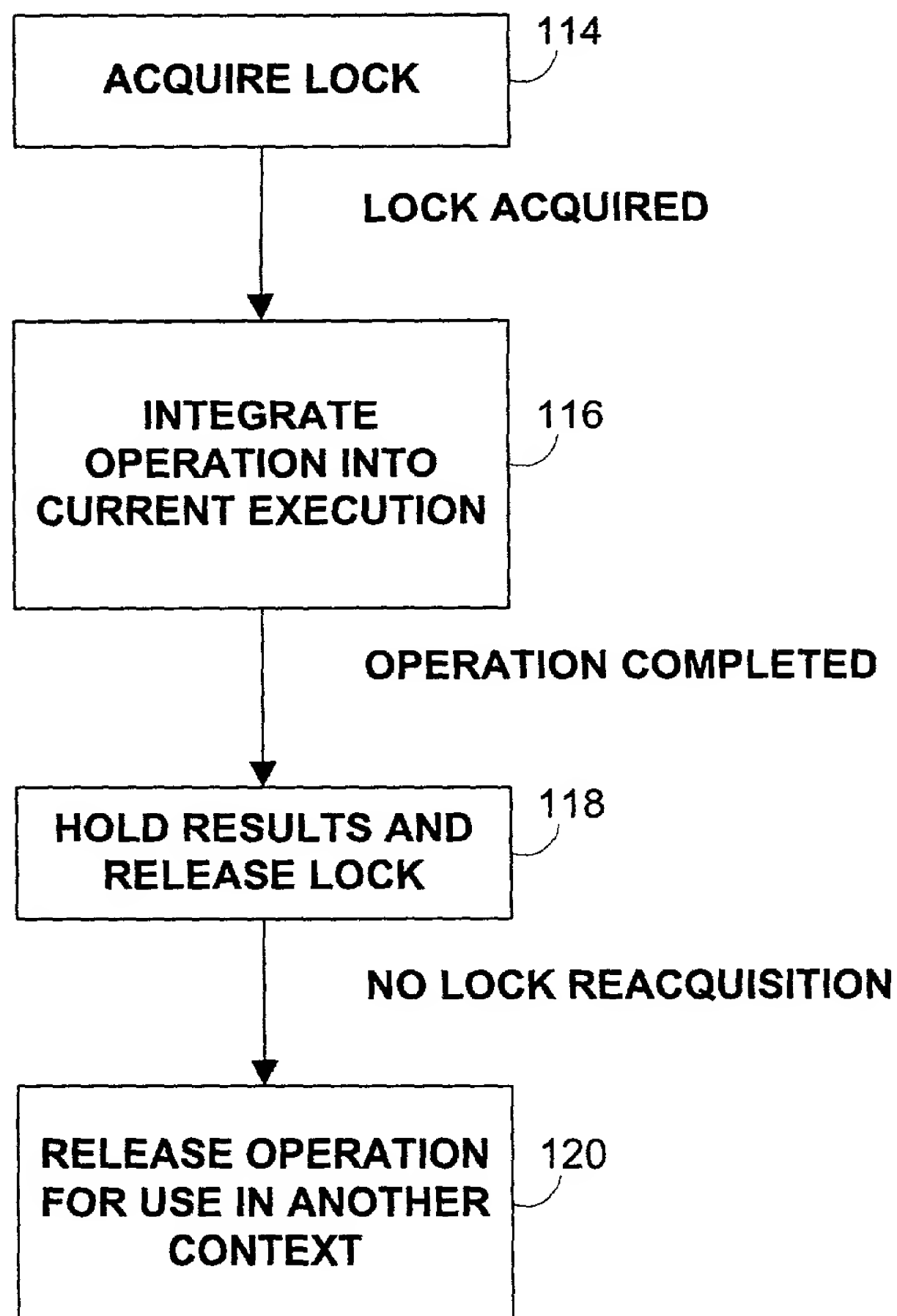


**FIG. 18**





**FIG. 19**



**FIG. 20**

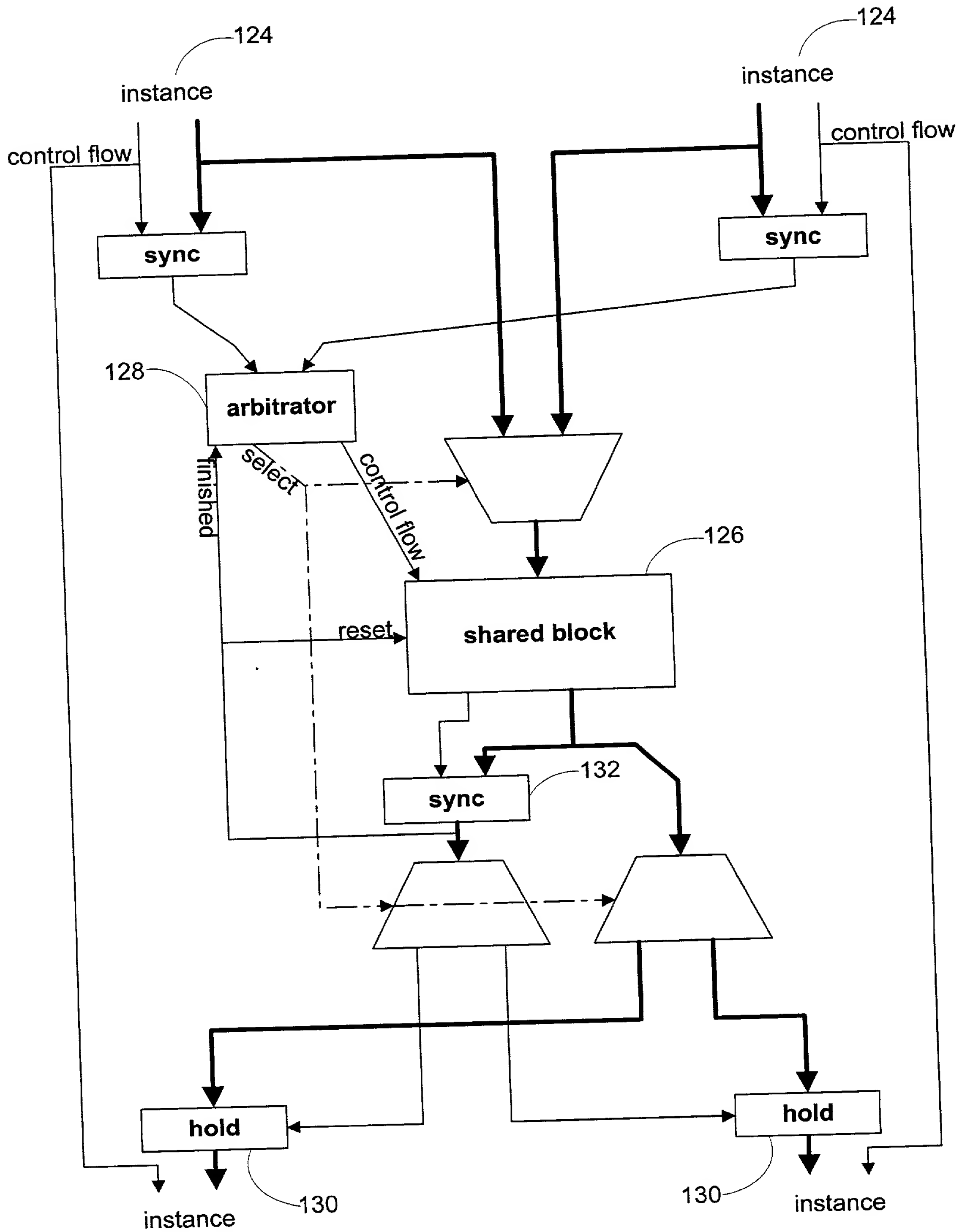
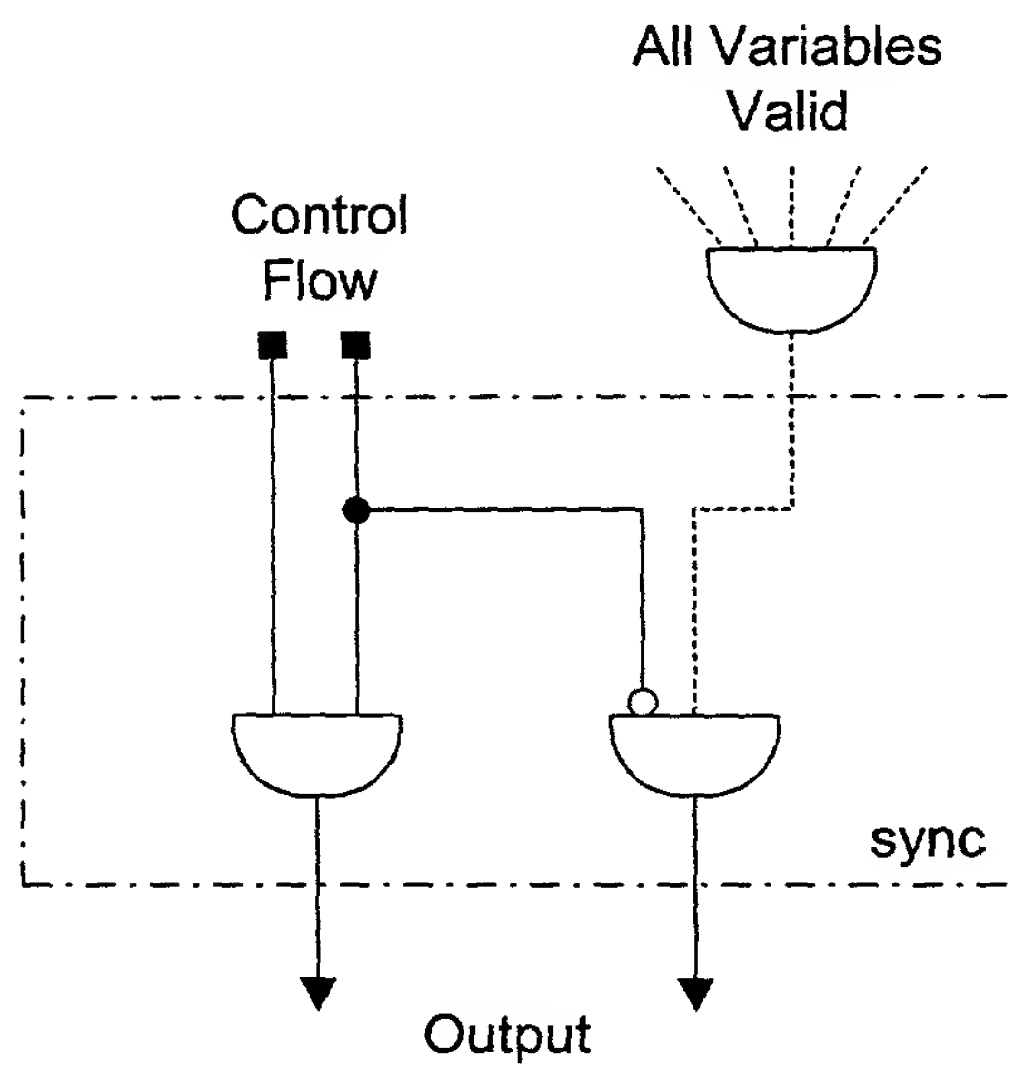
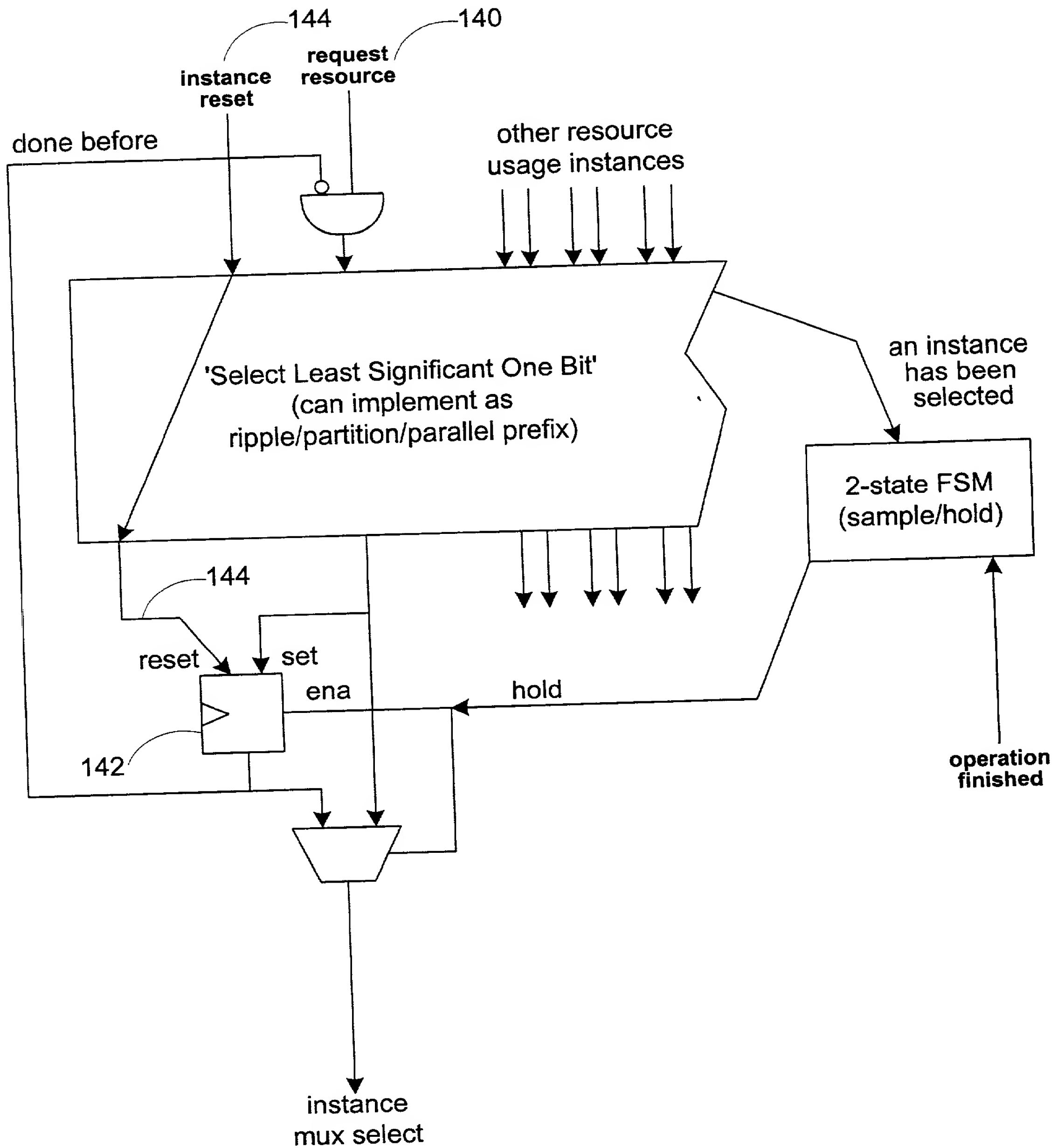


FIG. 21



NotReady	00
SpeculateReady	01
CommitReady	11

FIG. 22



**FIG. 23**

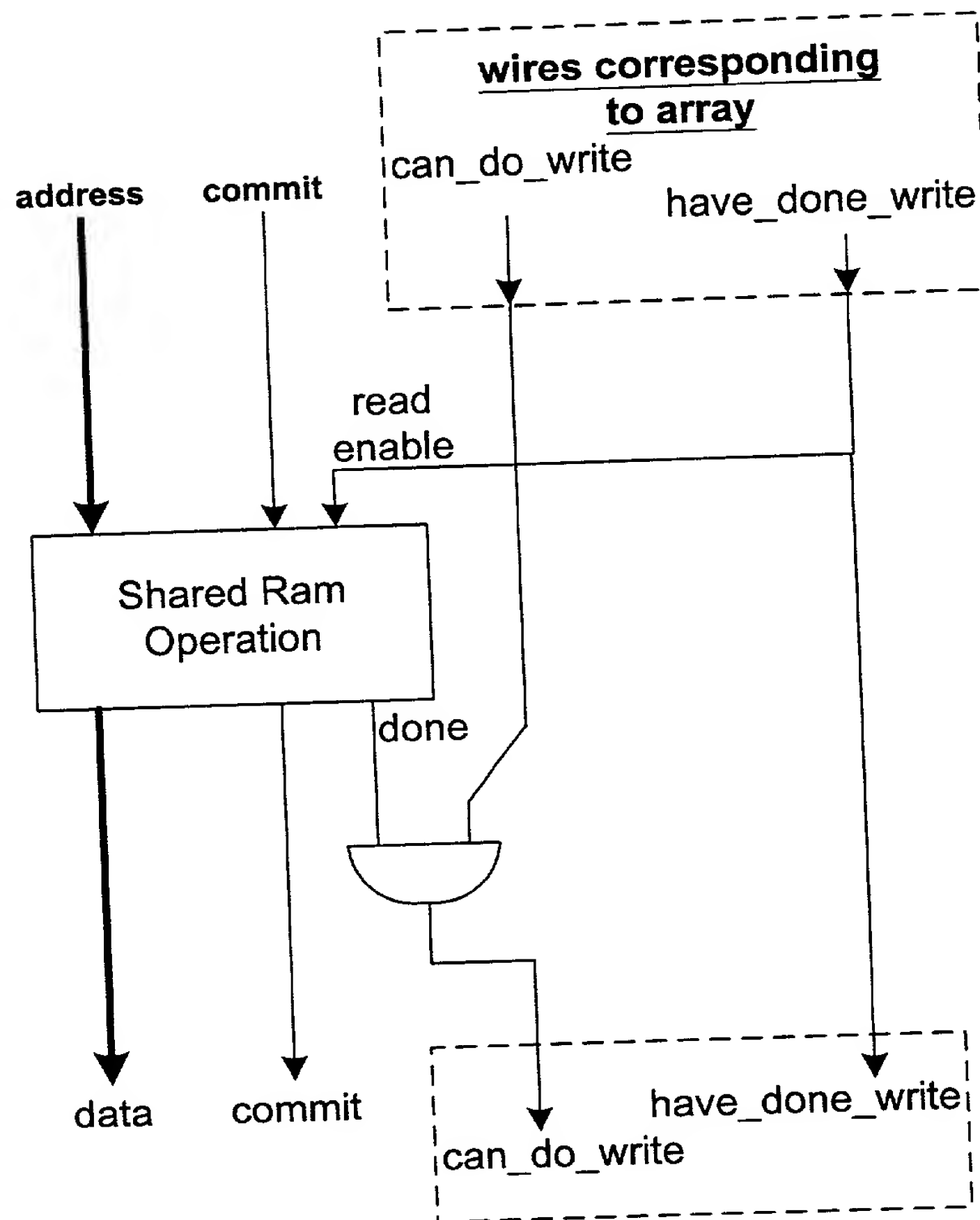
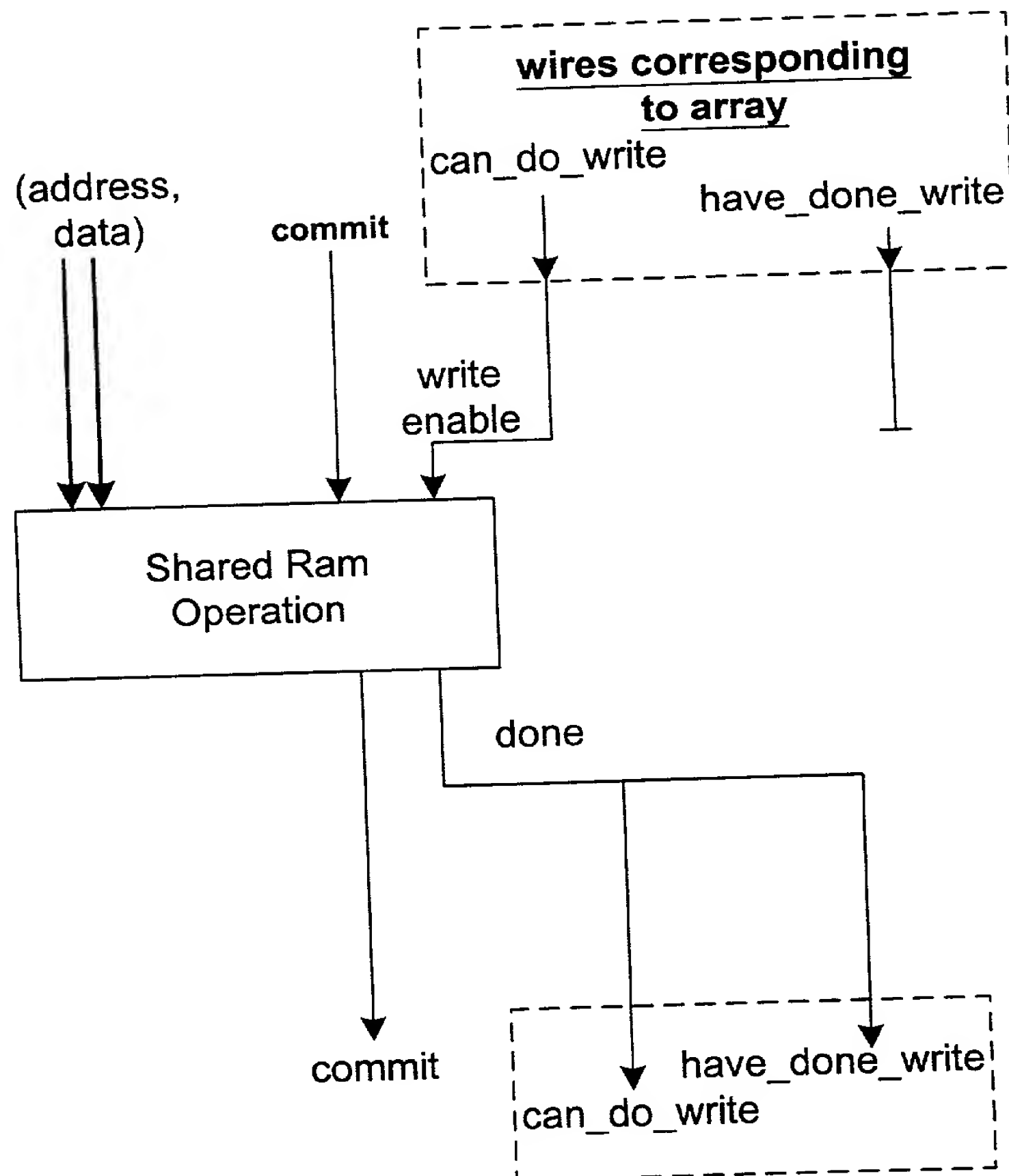


FIG. 24



**FIG. 25**

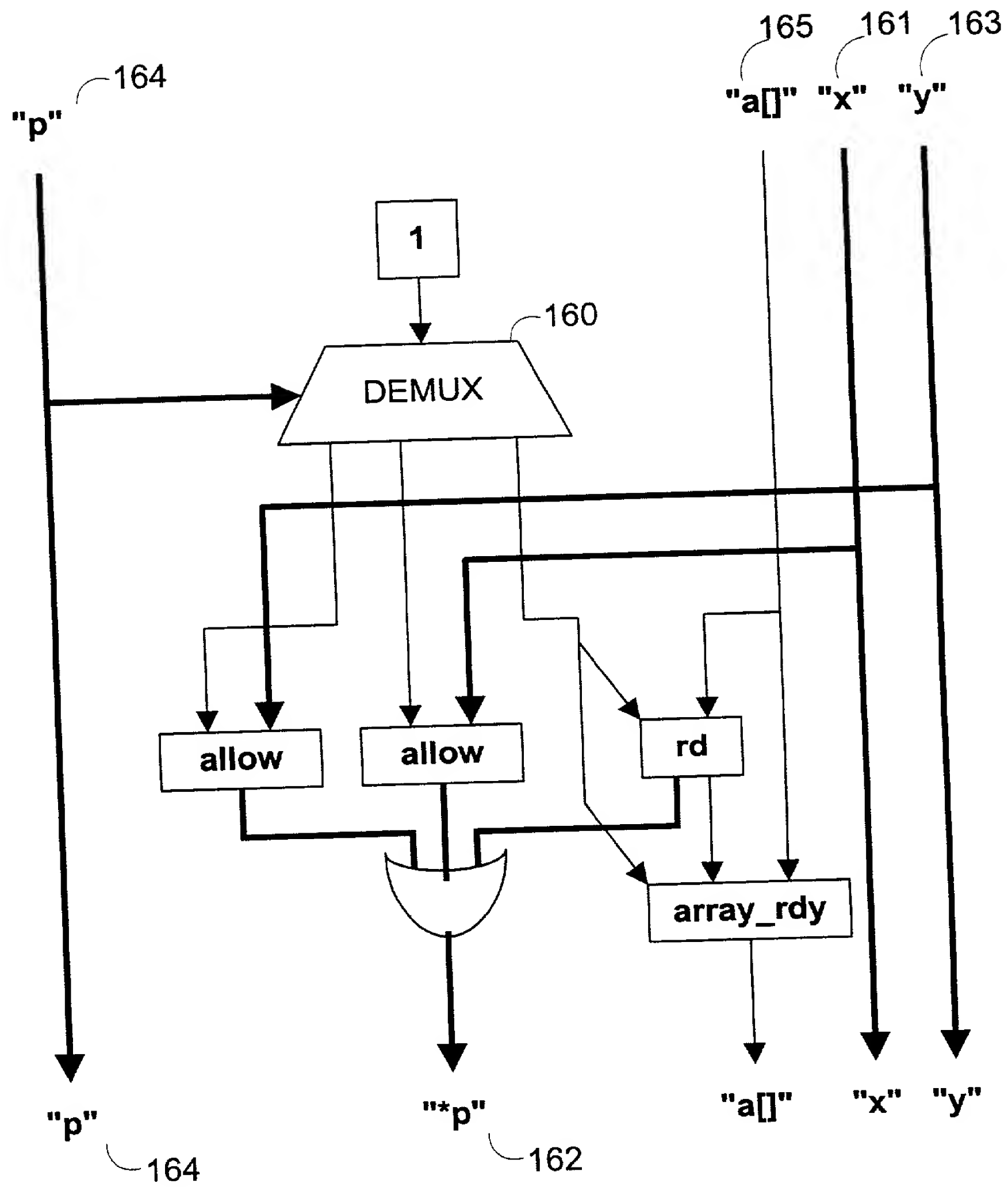


FIG. 26



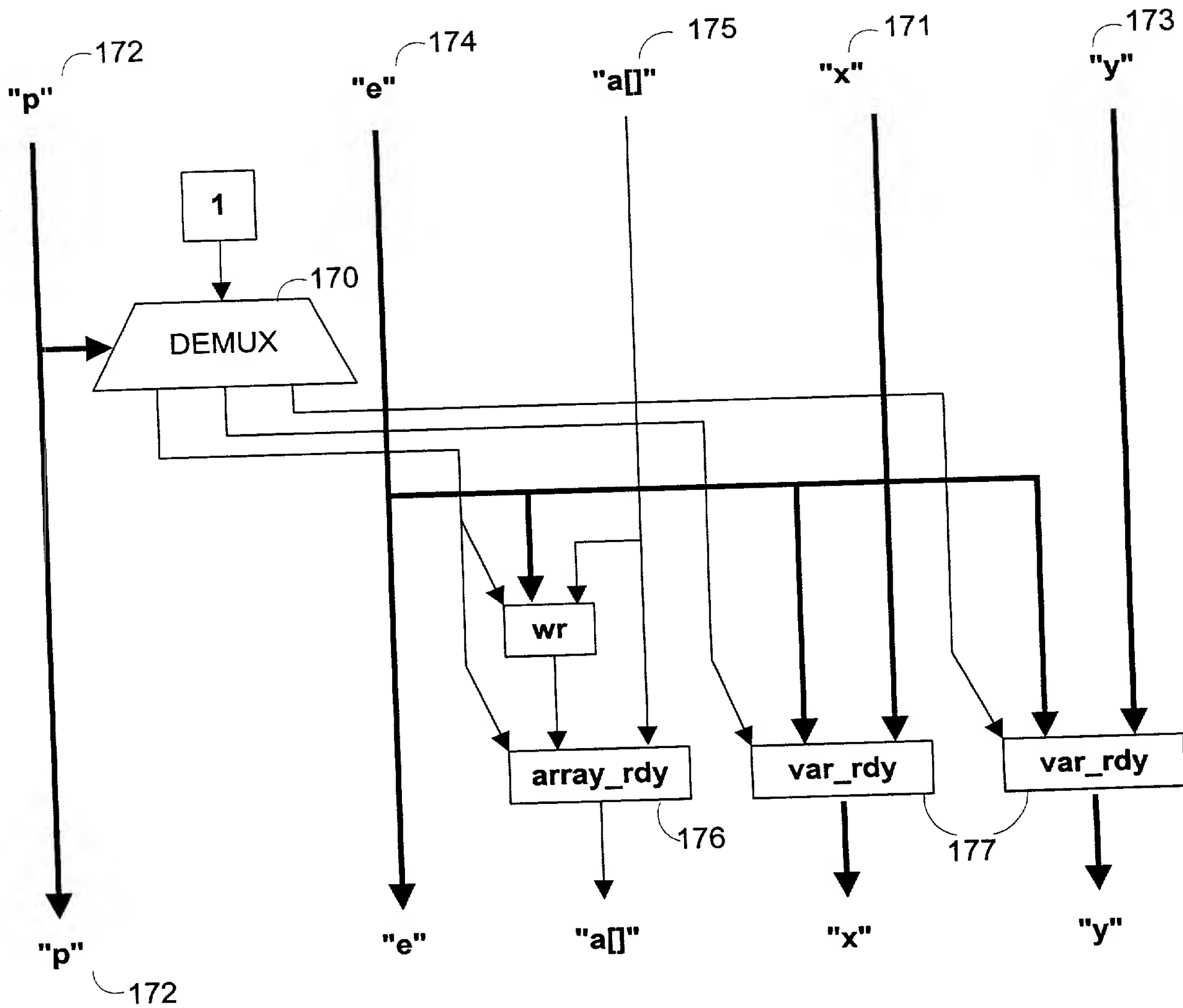


FIG. 27

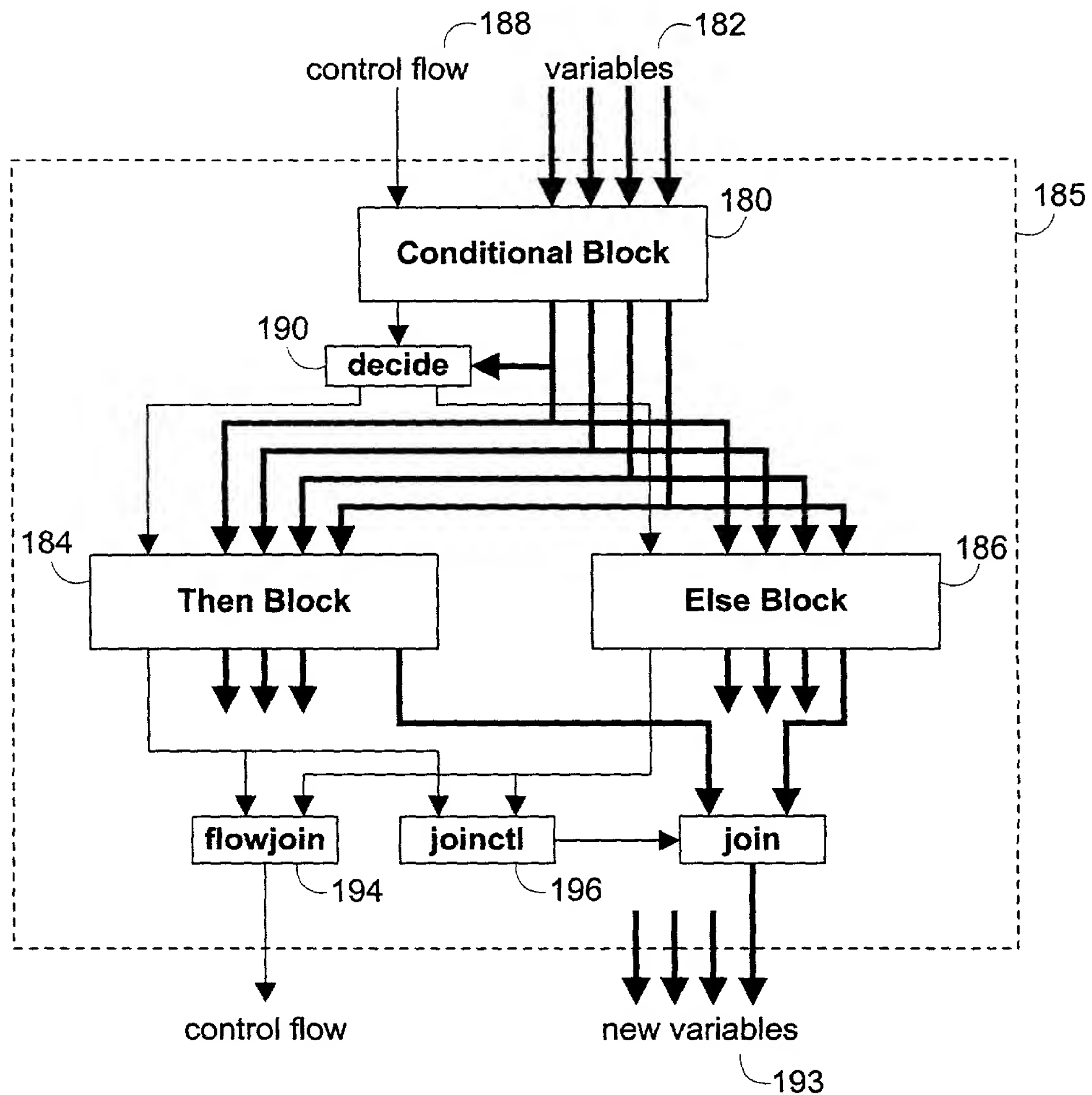
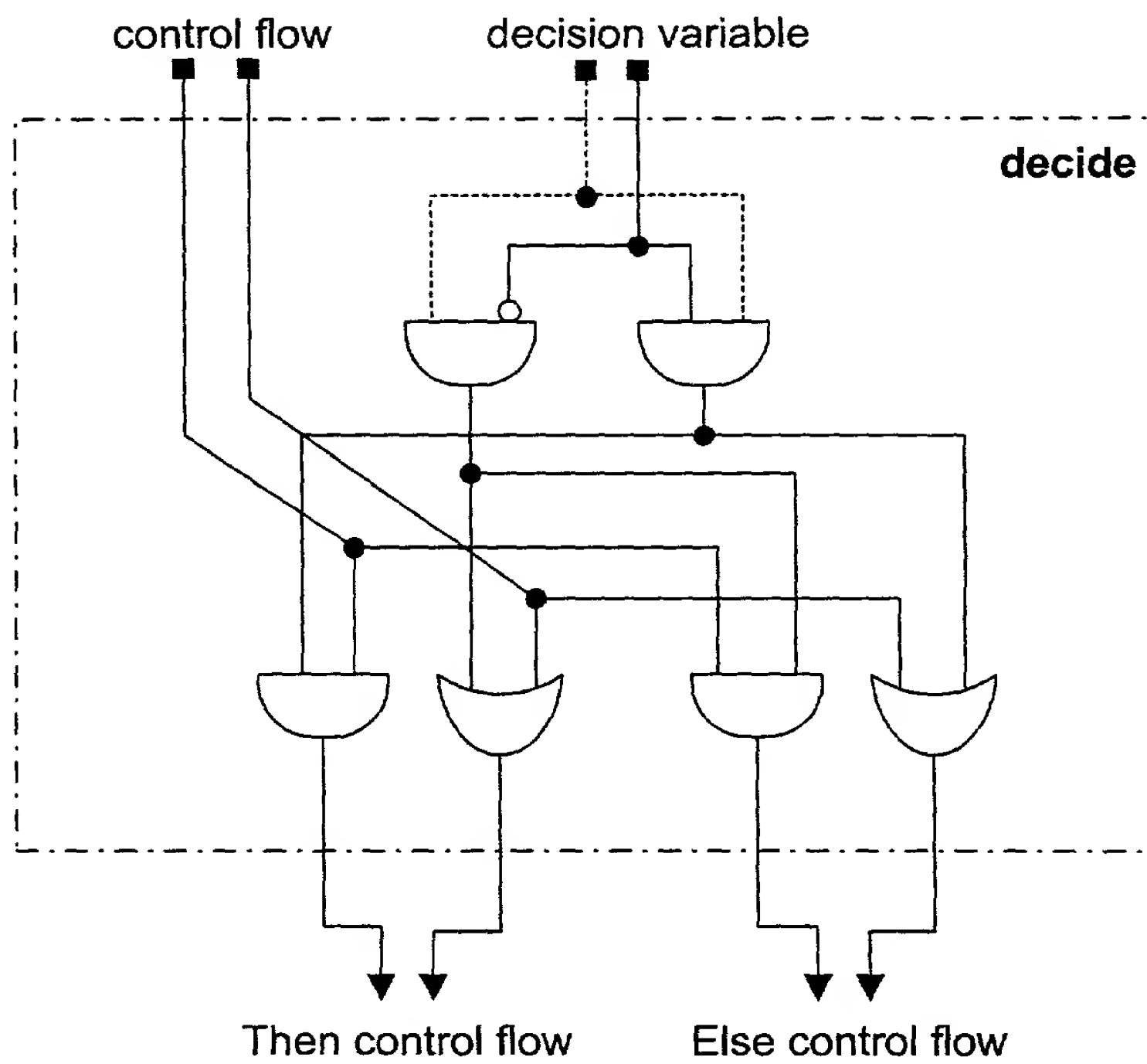


FIG. 28



**FIG. 29**

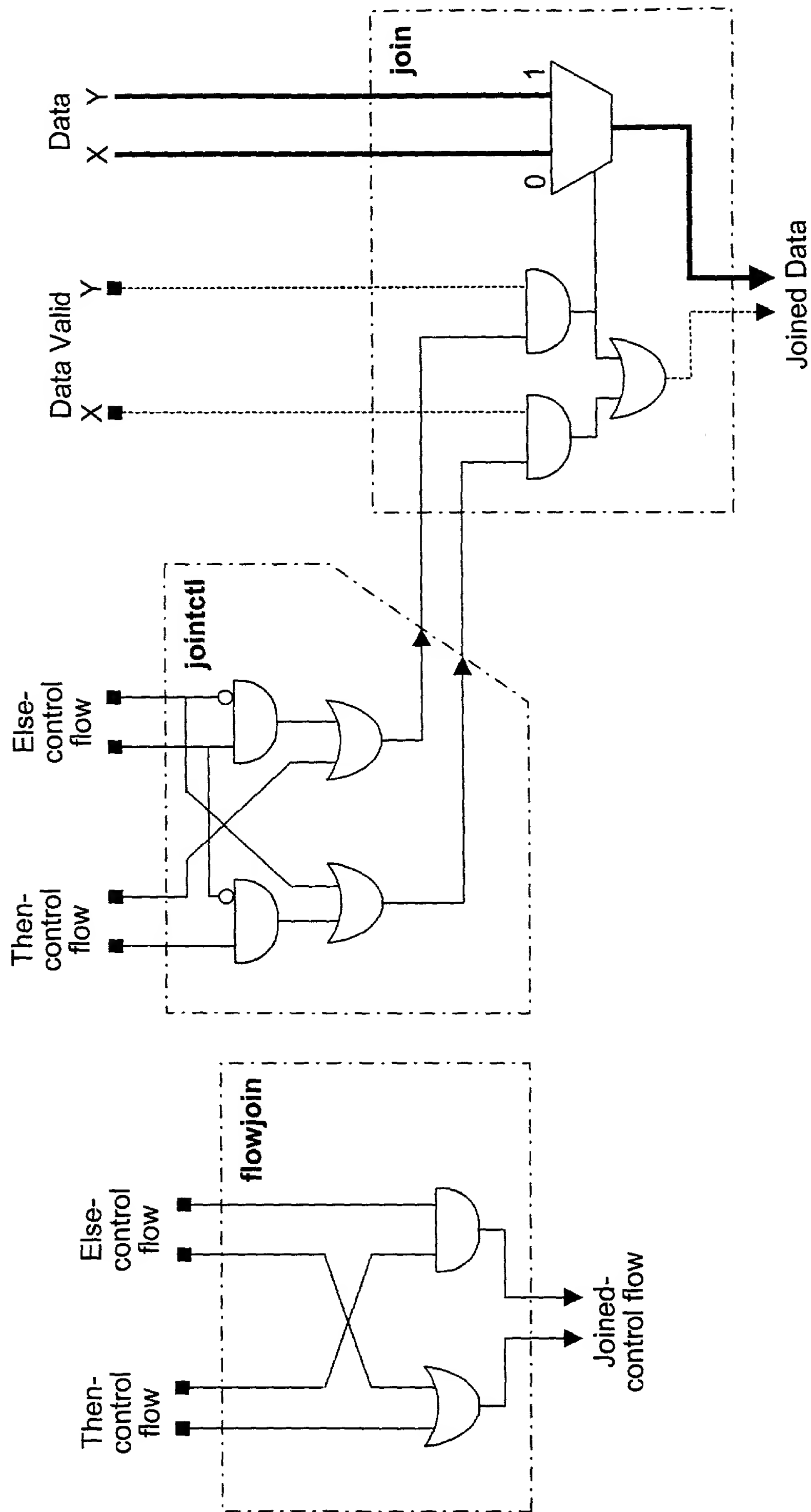


FIG. 30

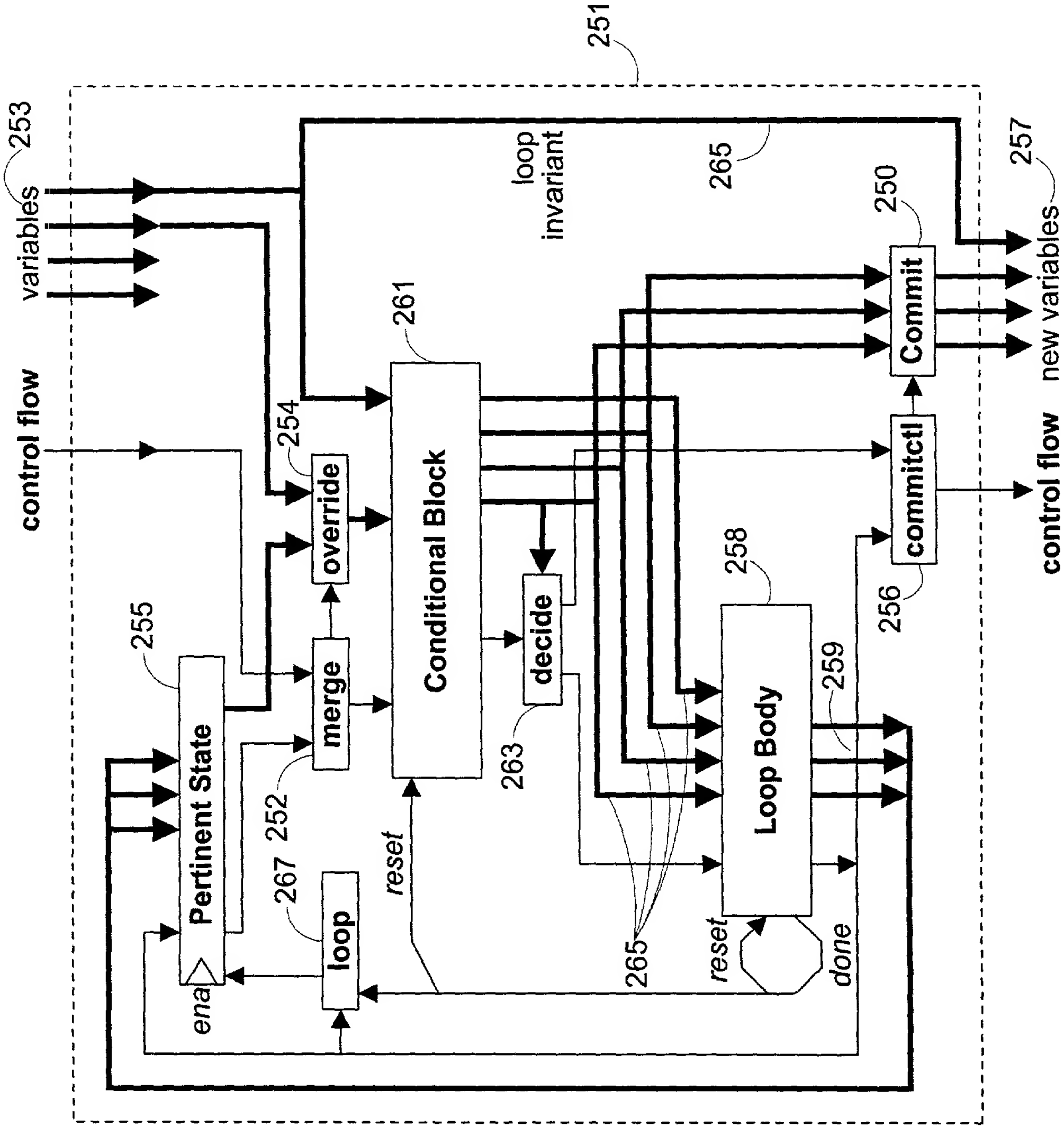


FIG. 31

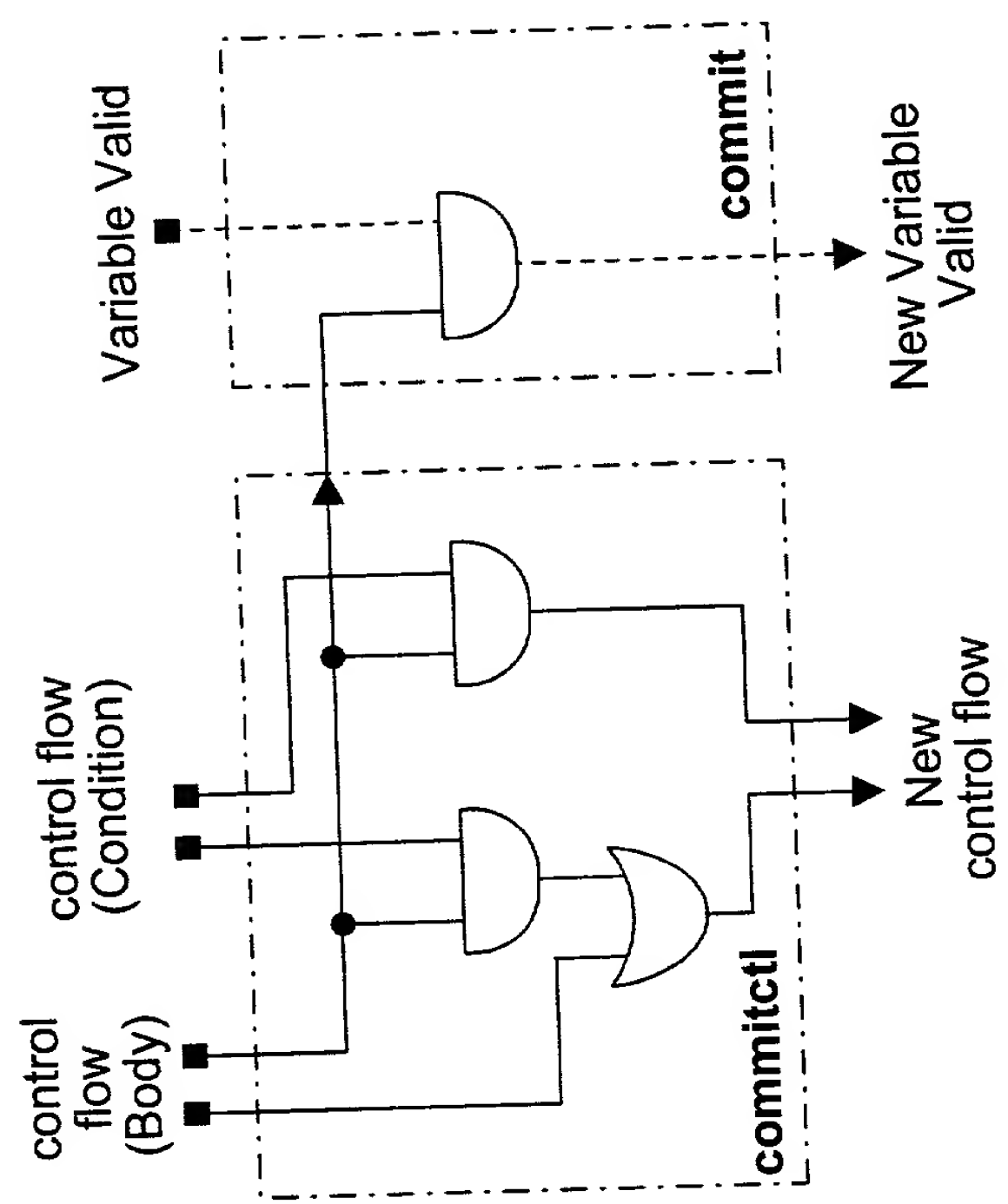


FIG. 32

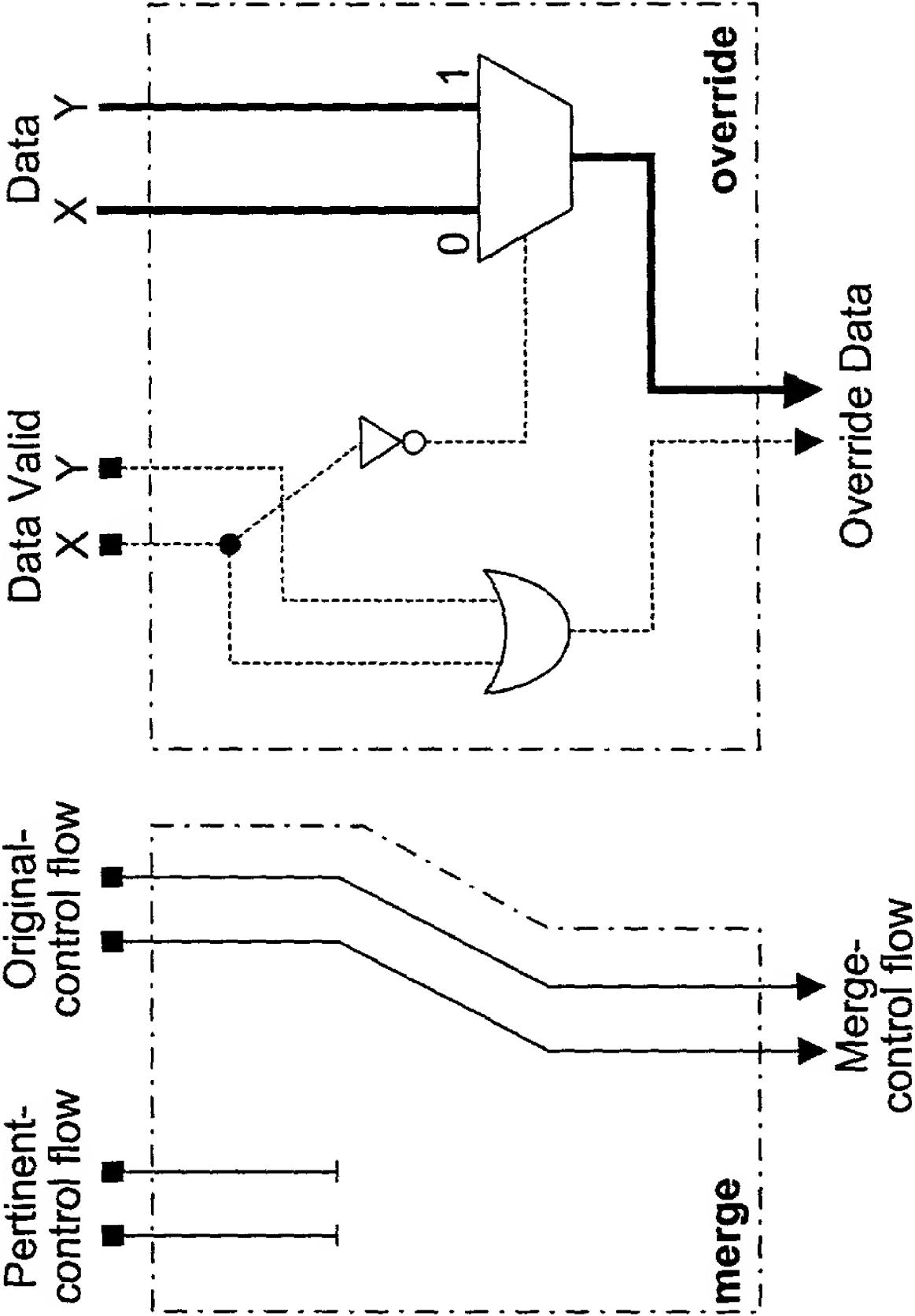


FIG. 33

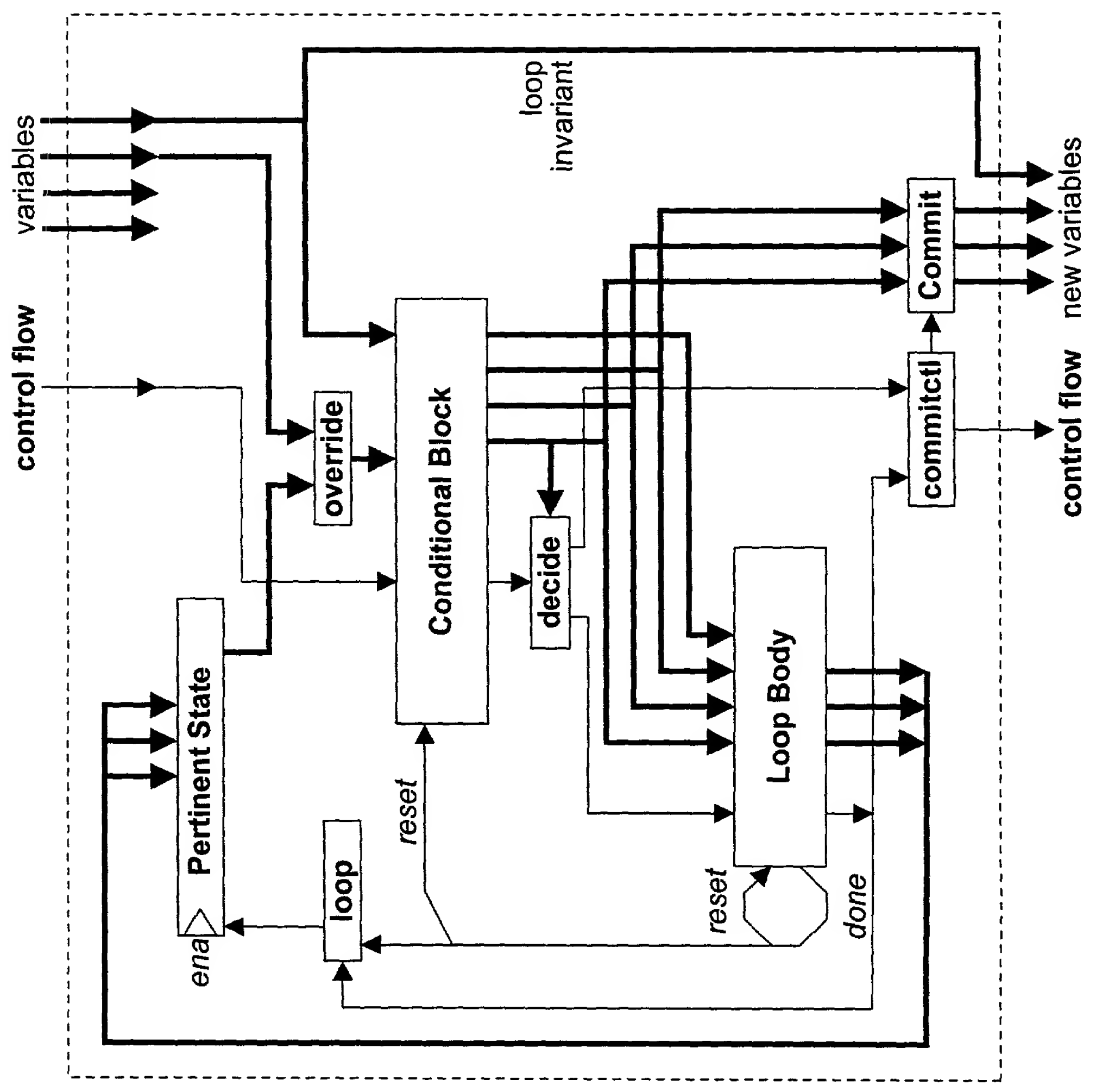


FIG. 34



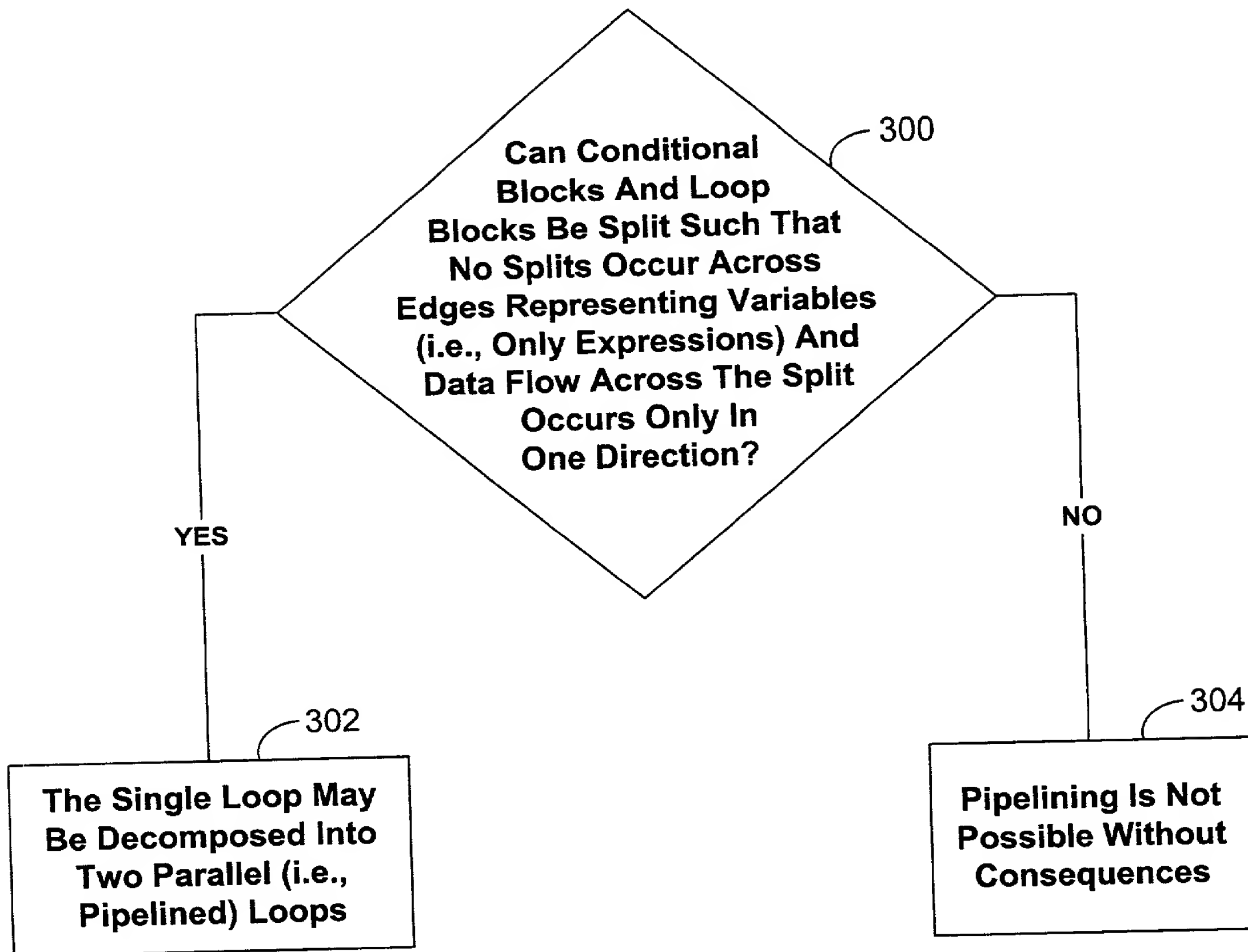
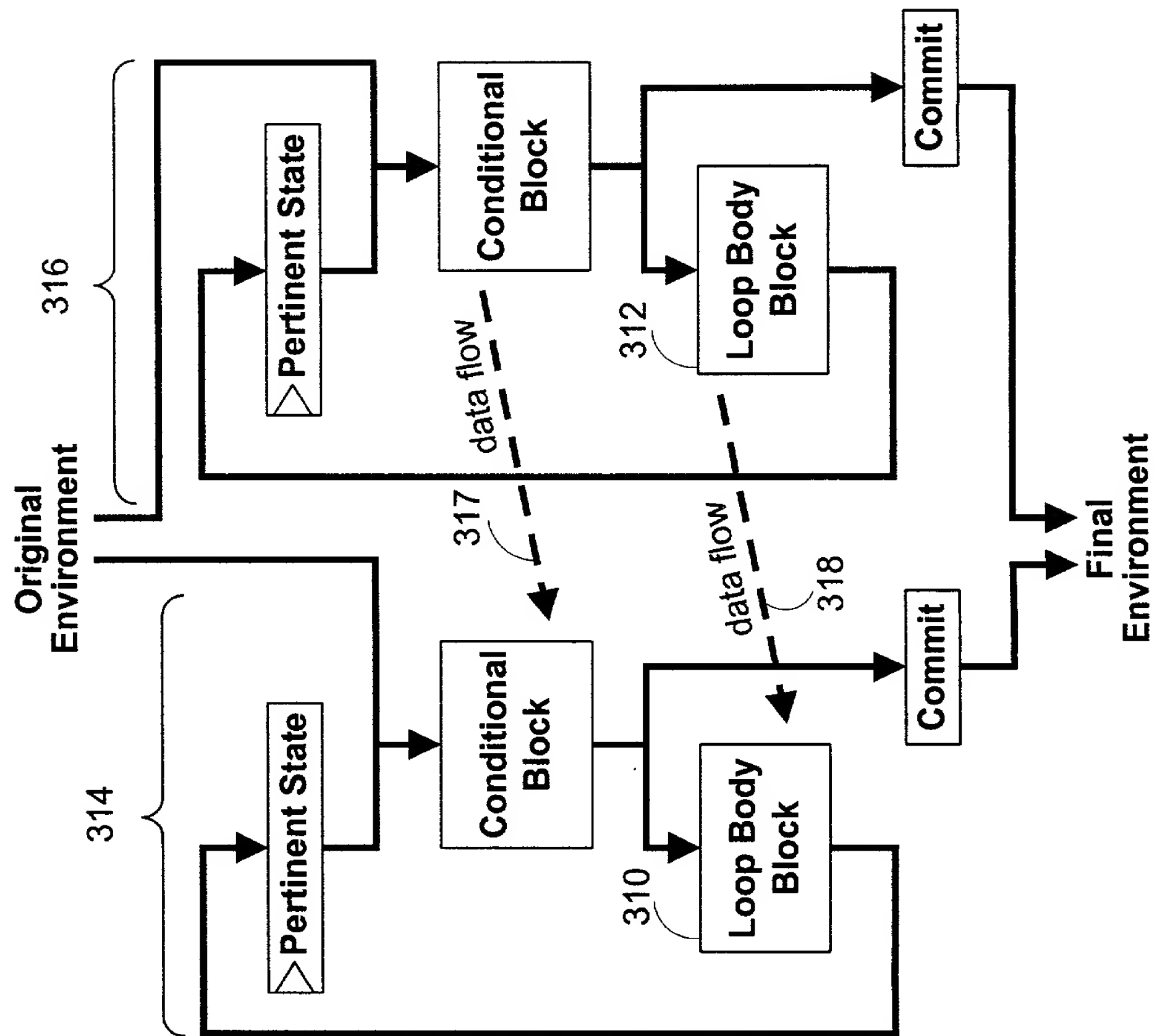


FIG. 35



**FIG. 36**

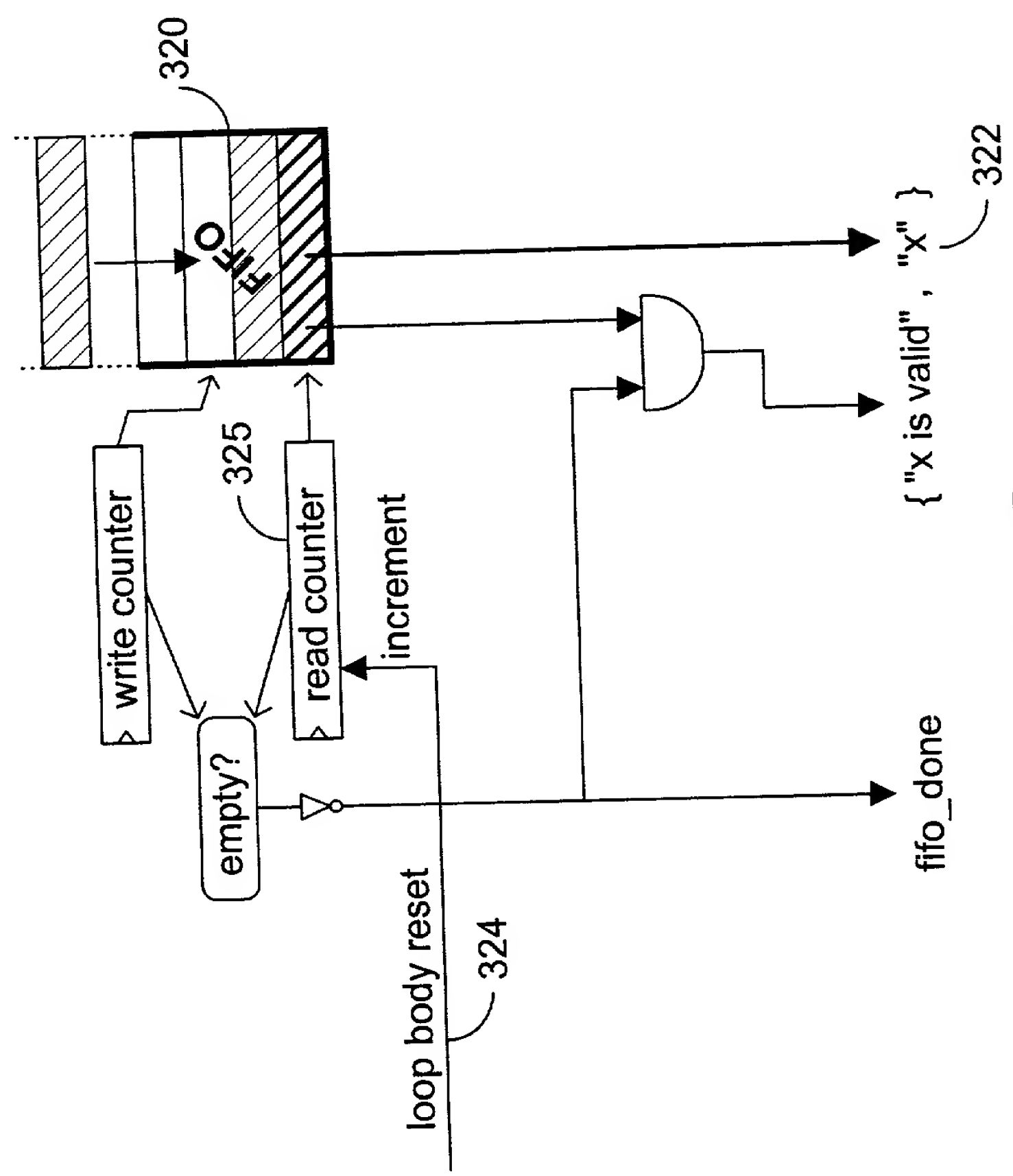


FIG. 37

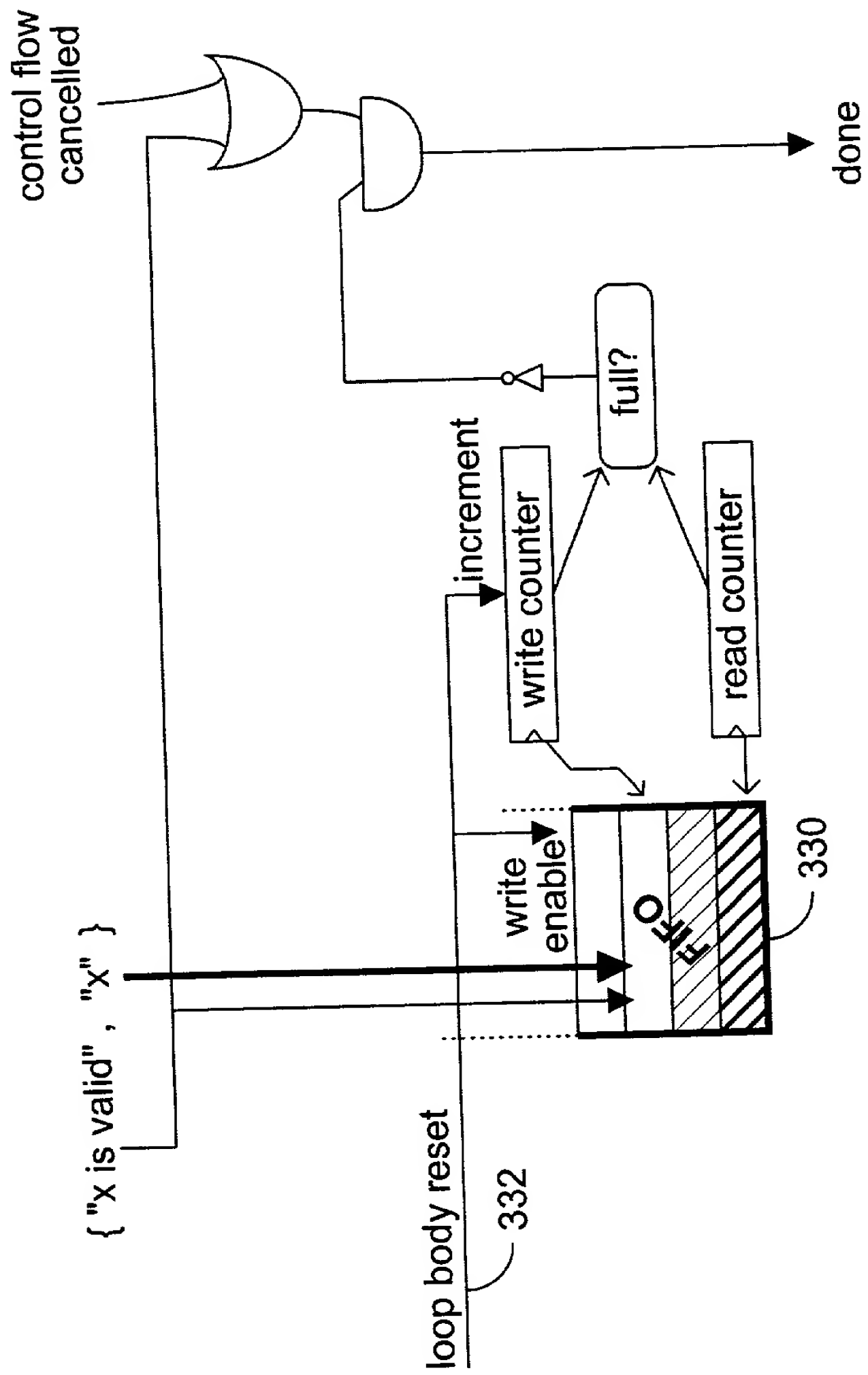


FIG. 38

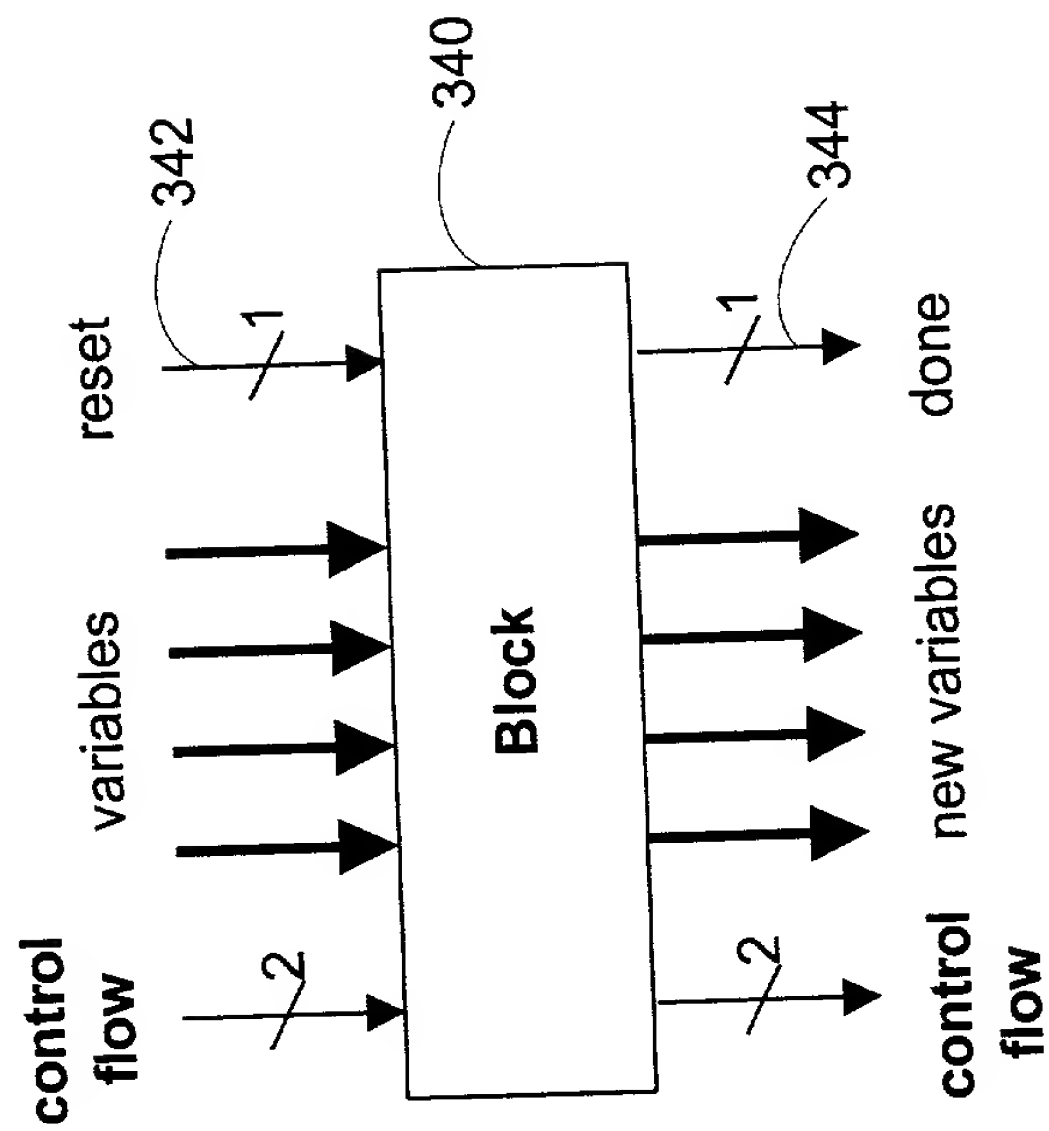


FIG. 39

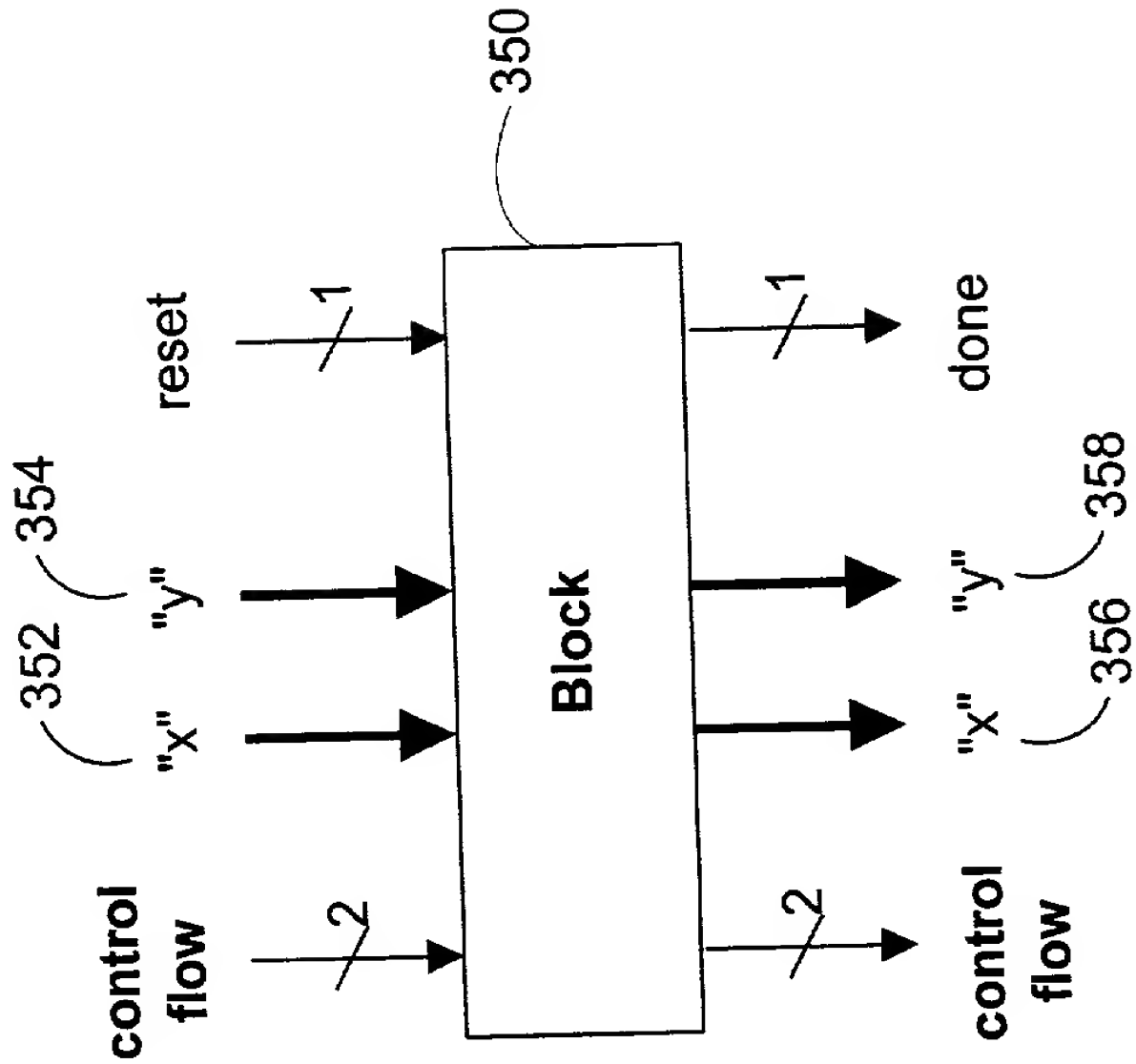


FIG. 40

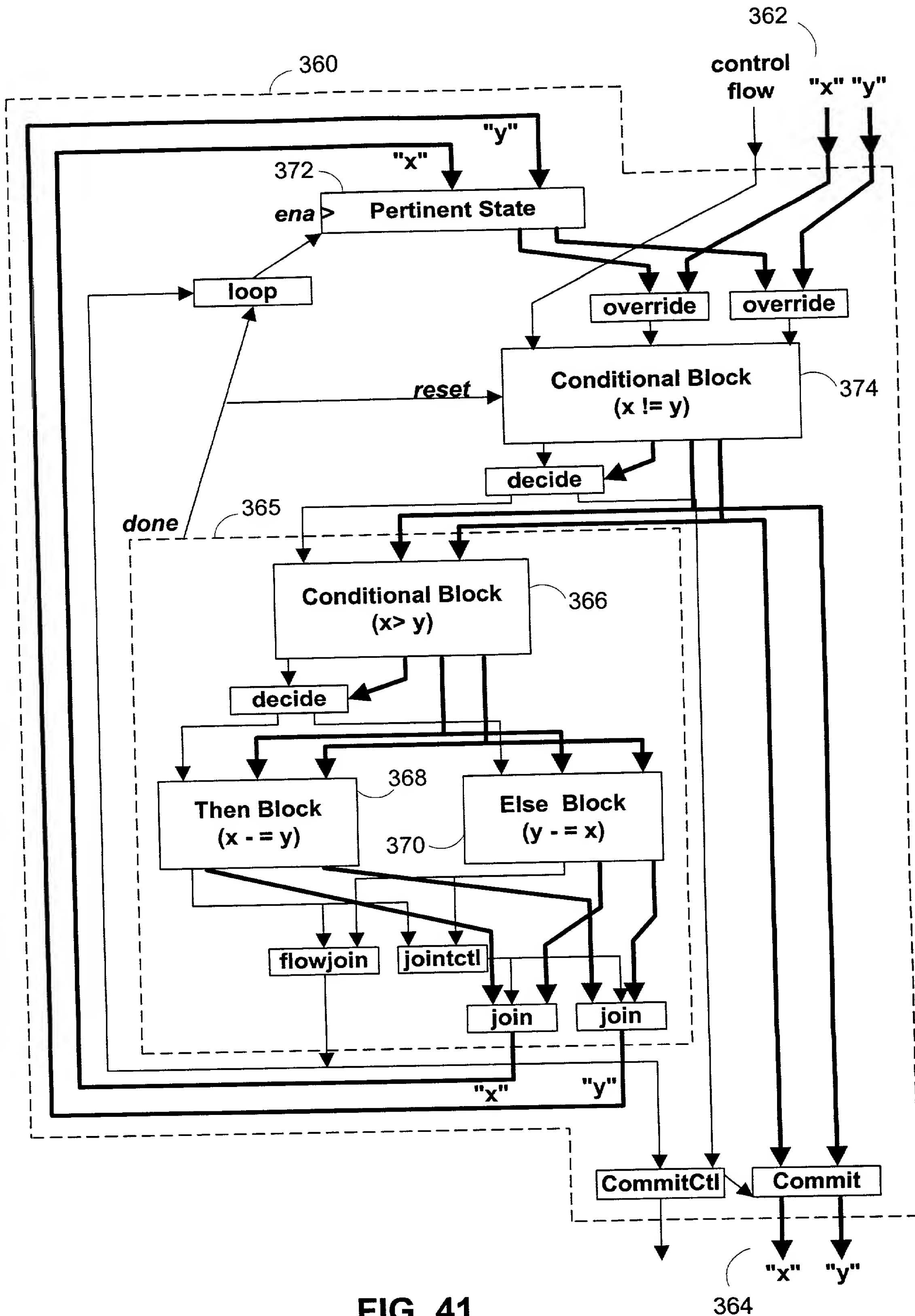


FIG. 41

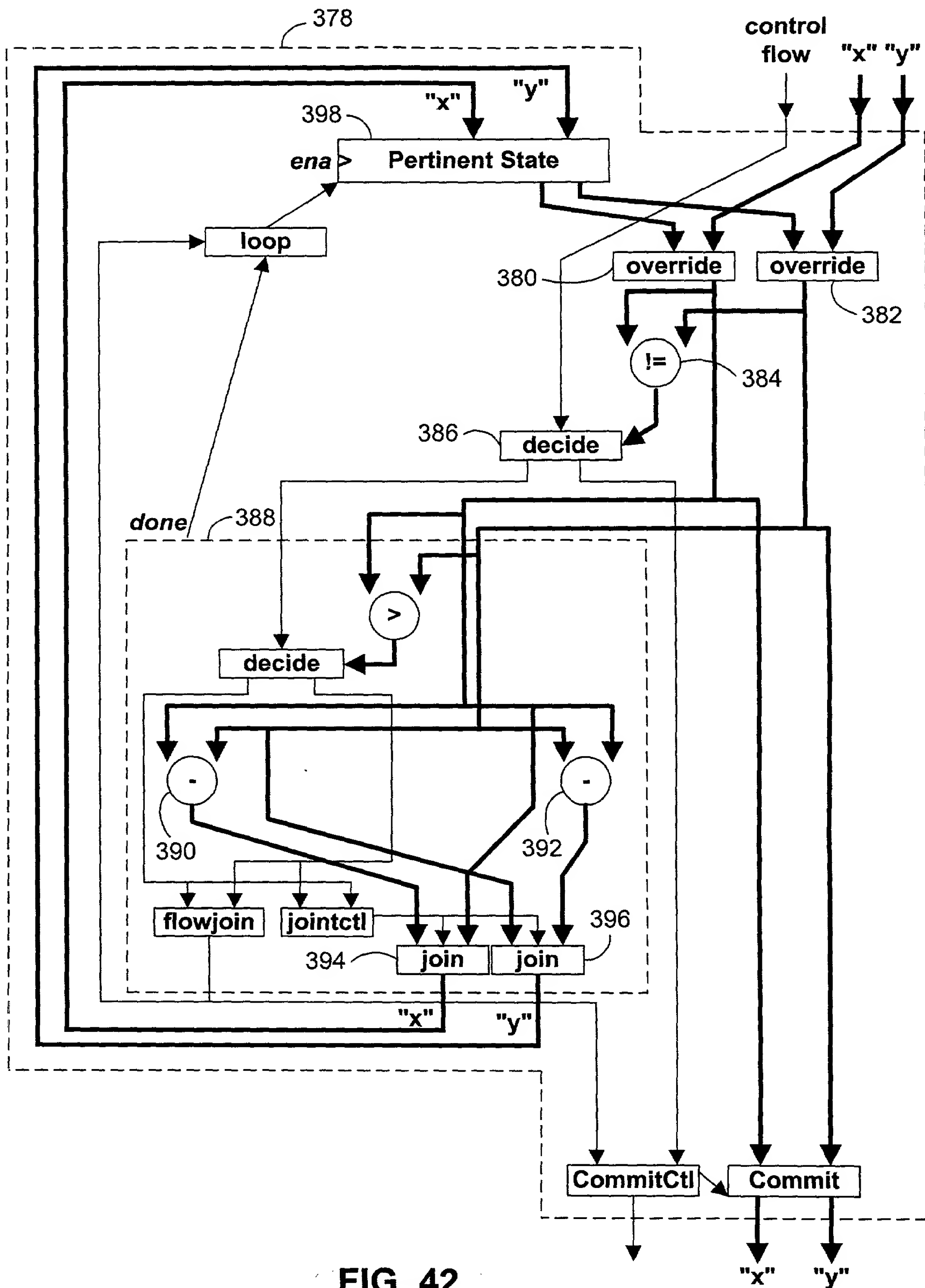


FIG. 42



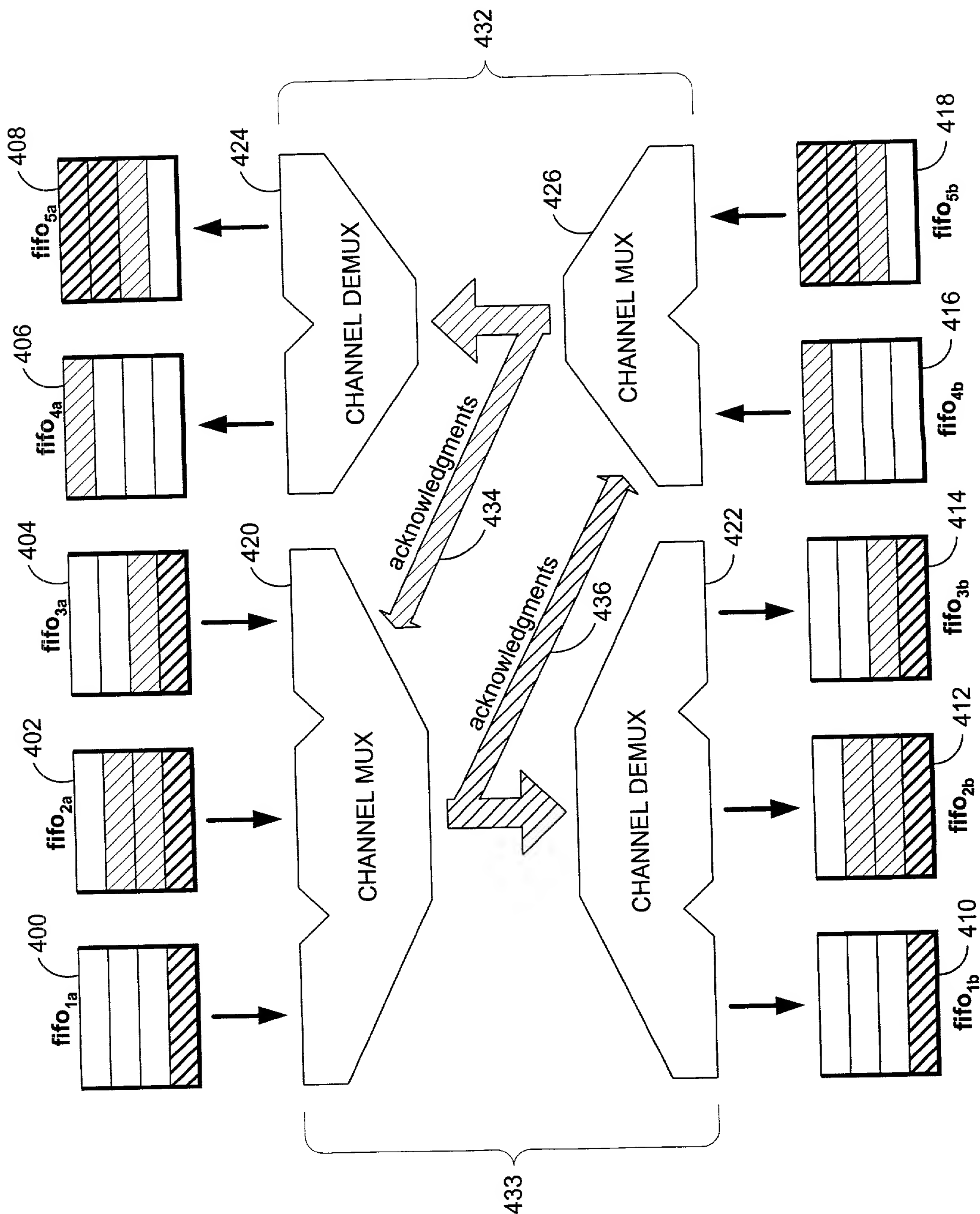


FIG. 43

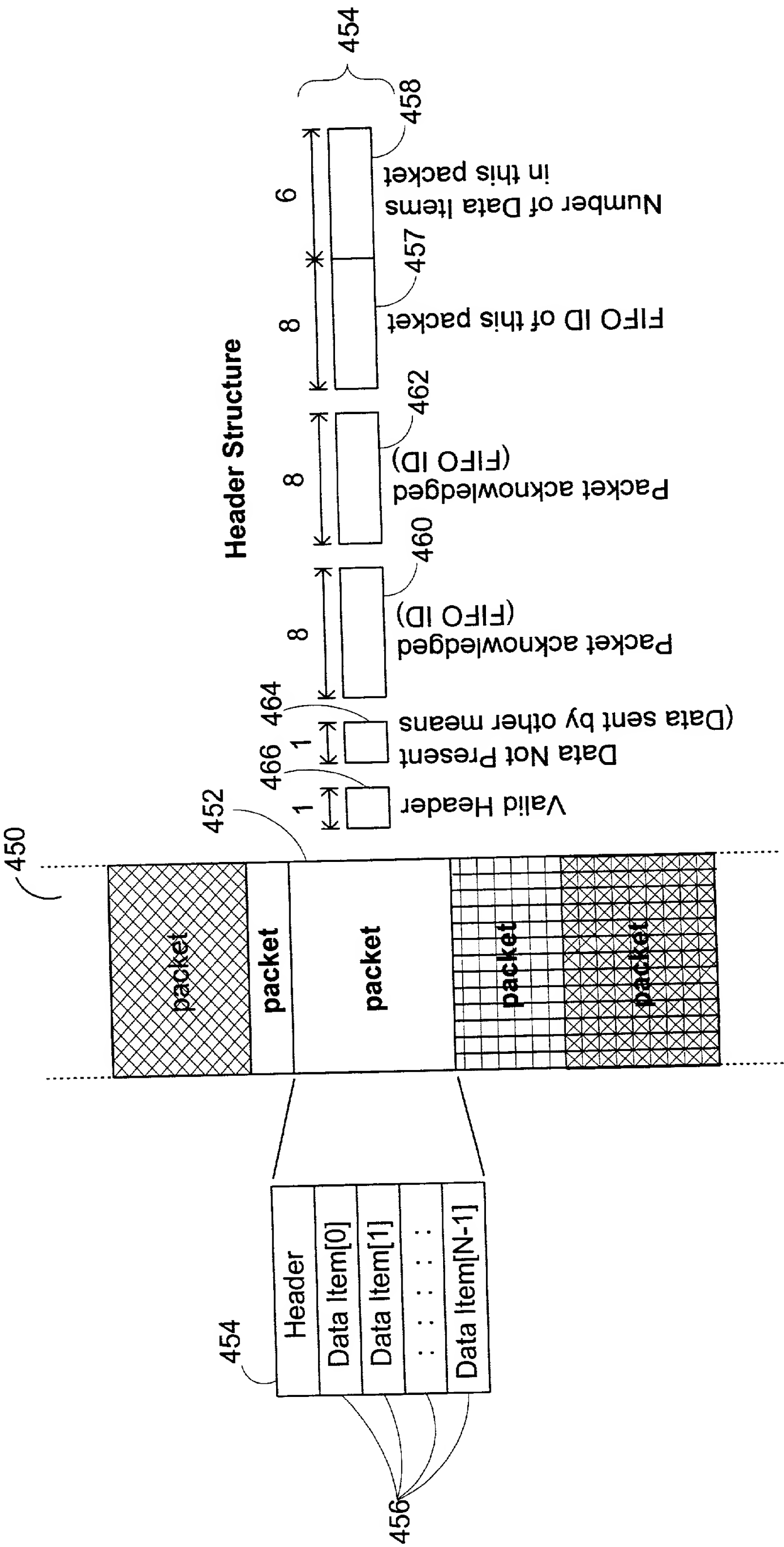
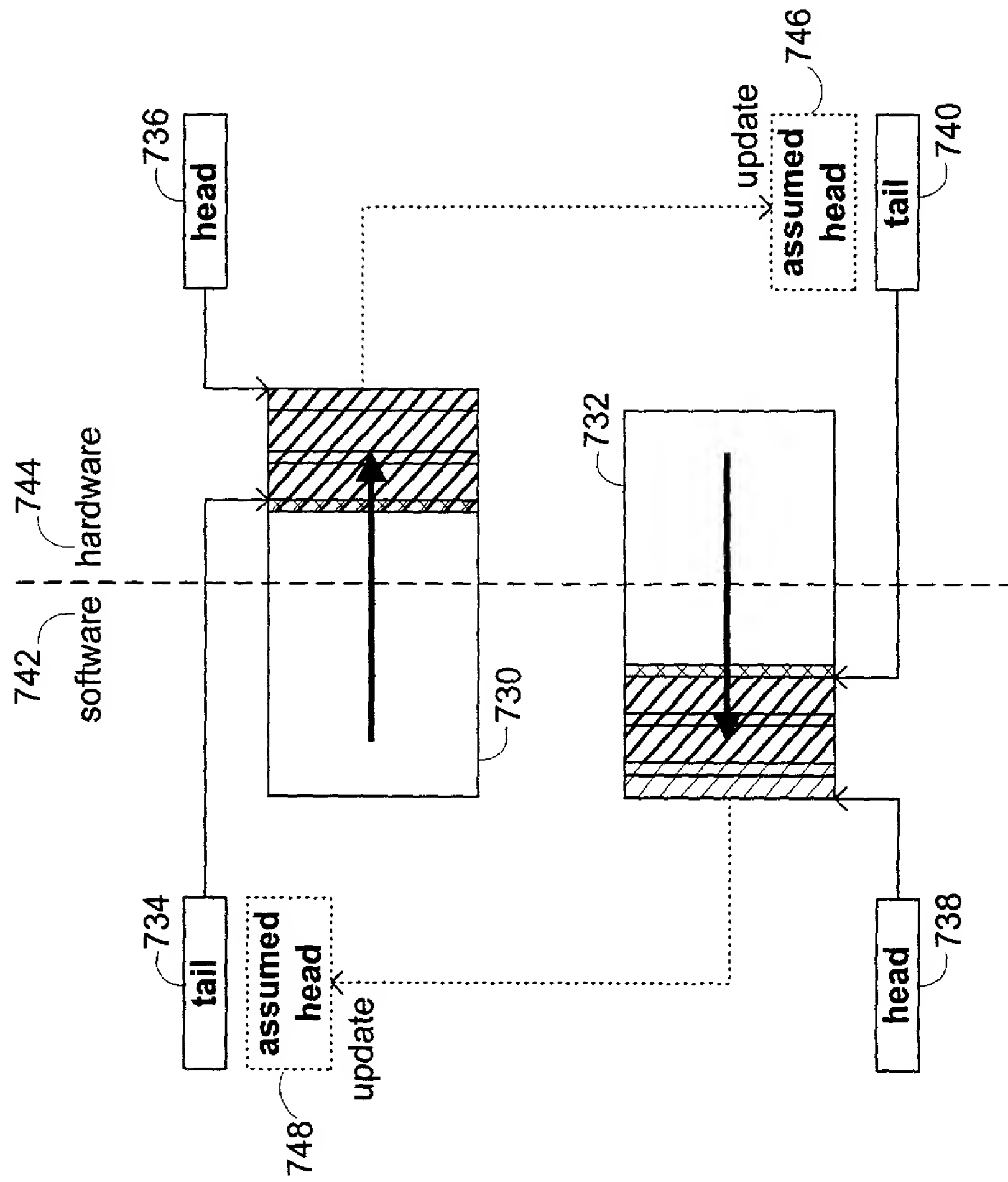
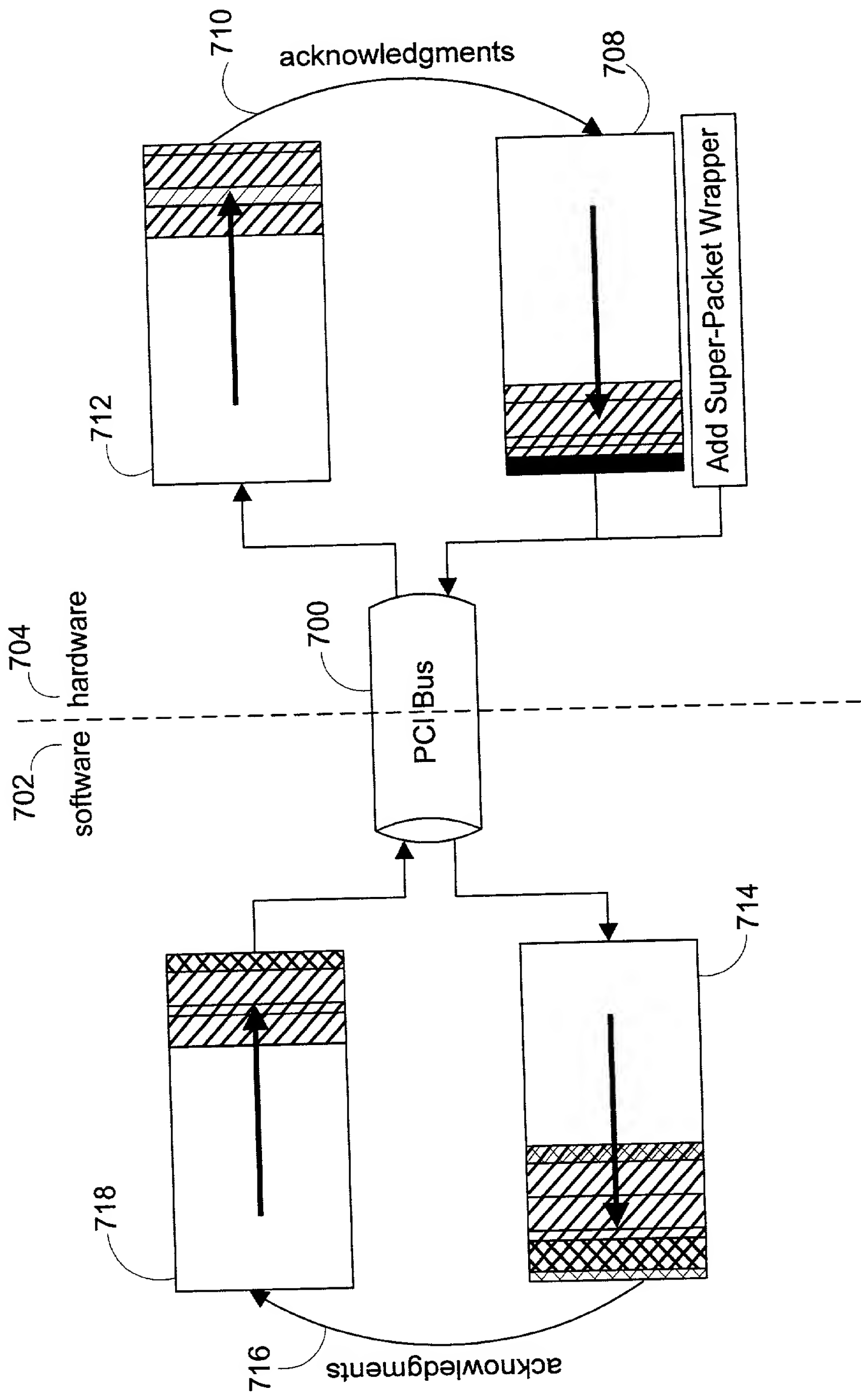


FIG. 44



**FIG. 45**



**FIG. 46**

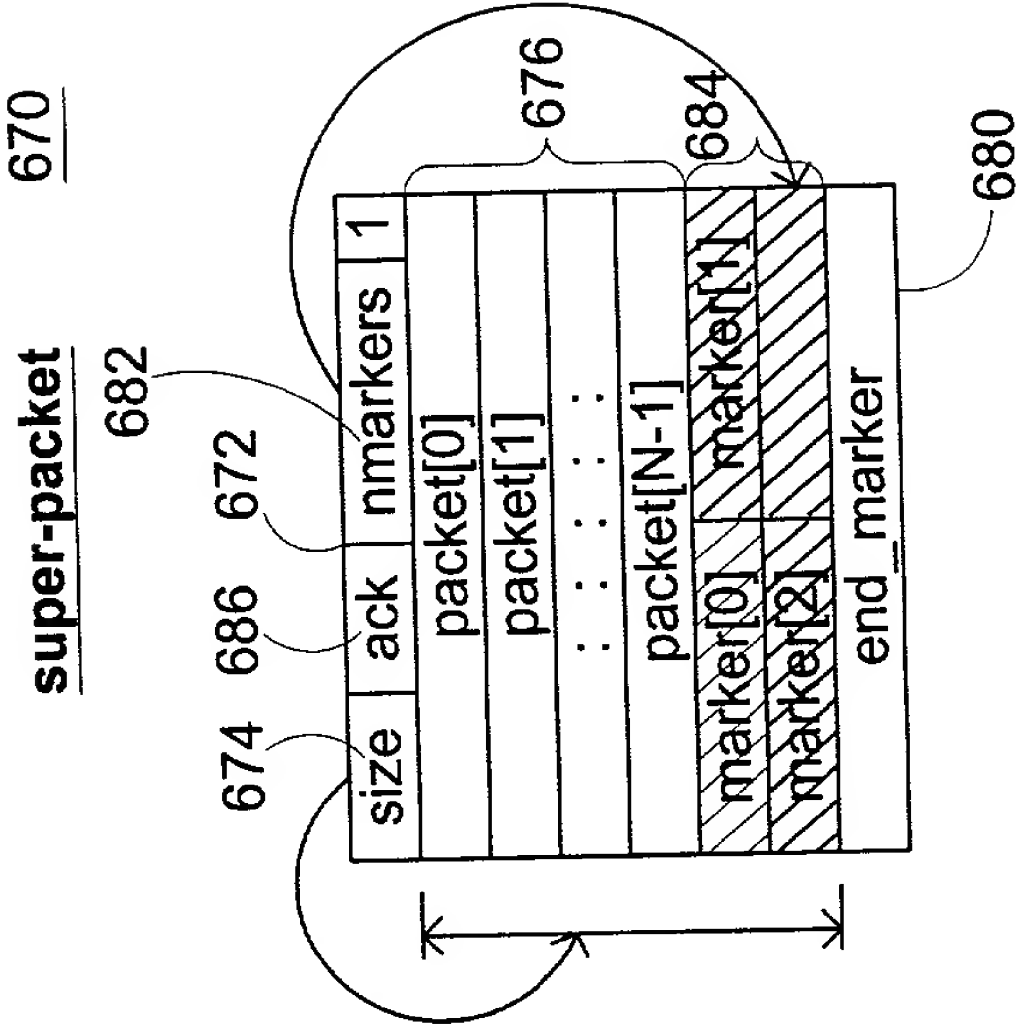
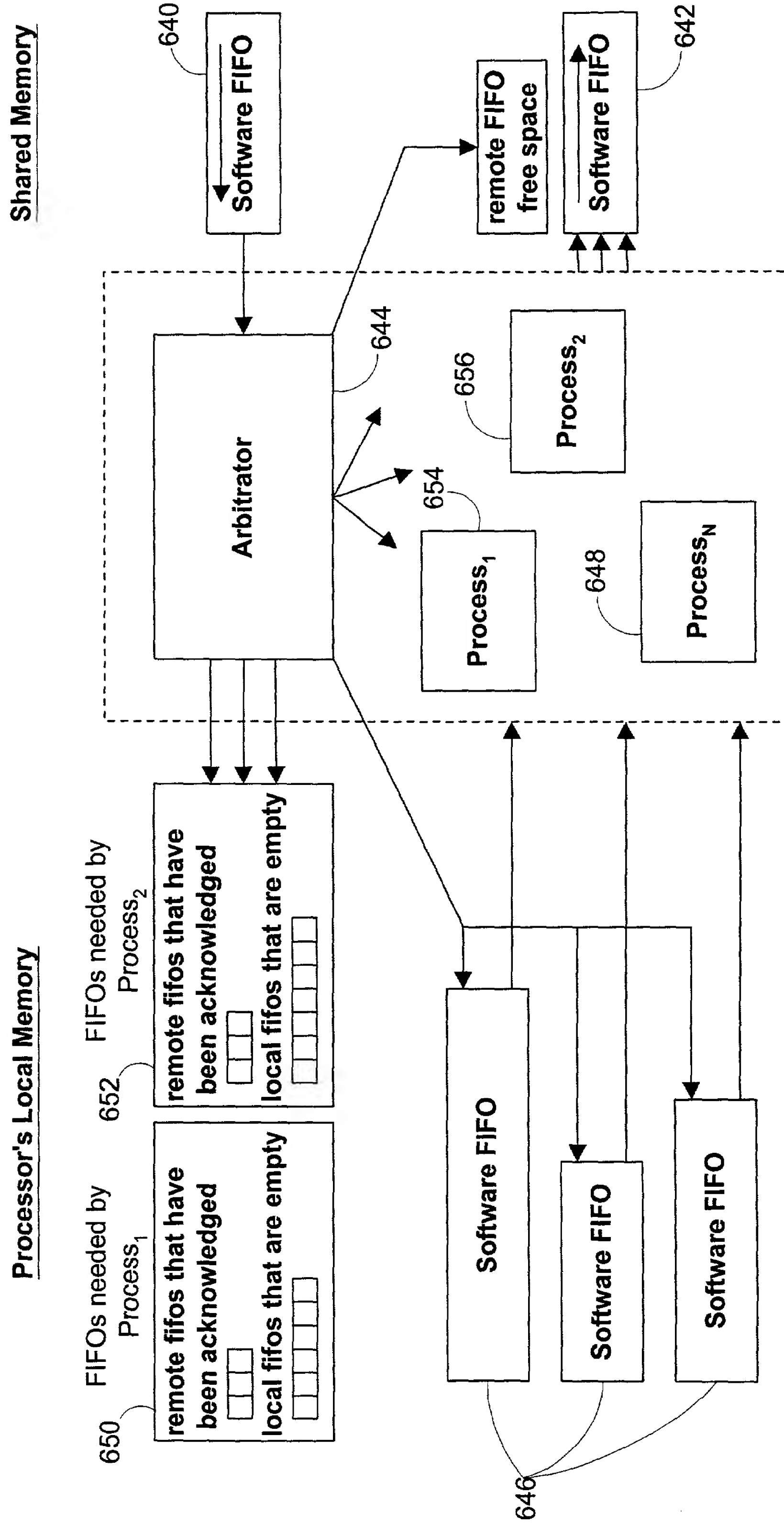


FIG. 47



**FIG. 48**

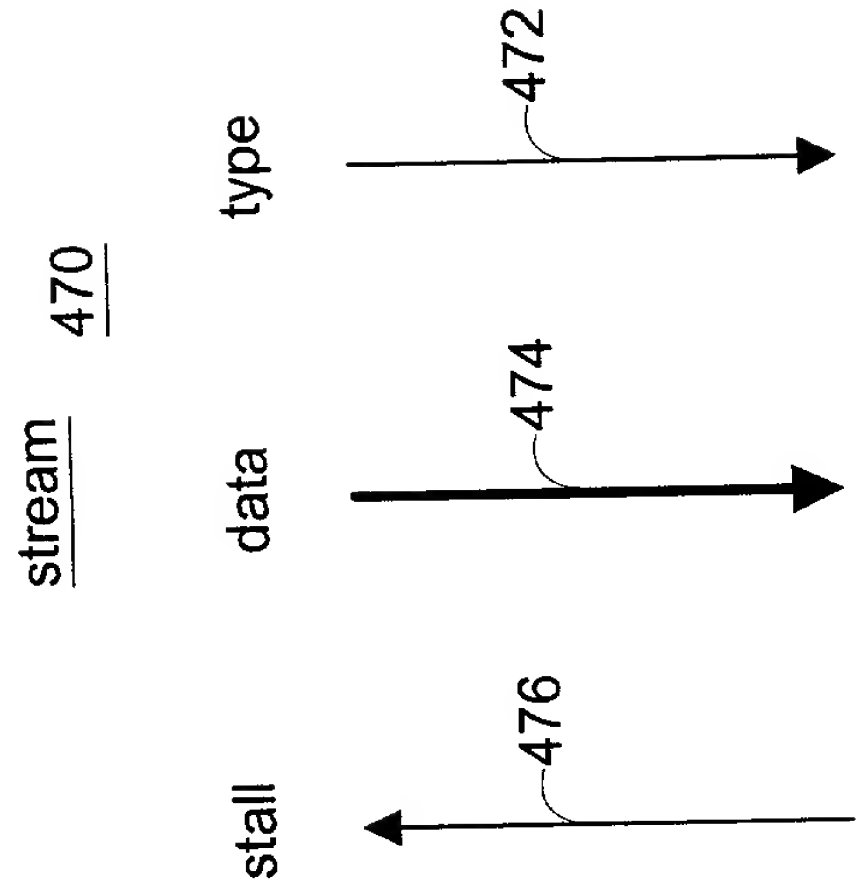


FIG. 49

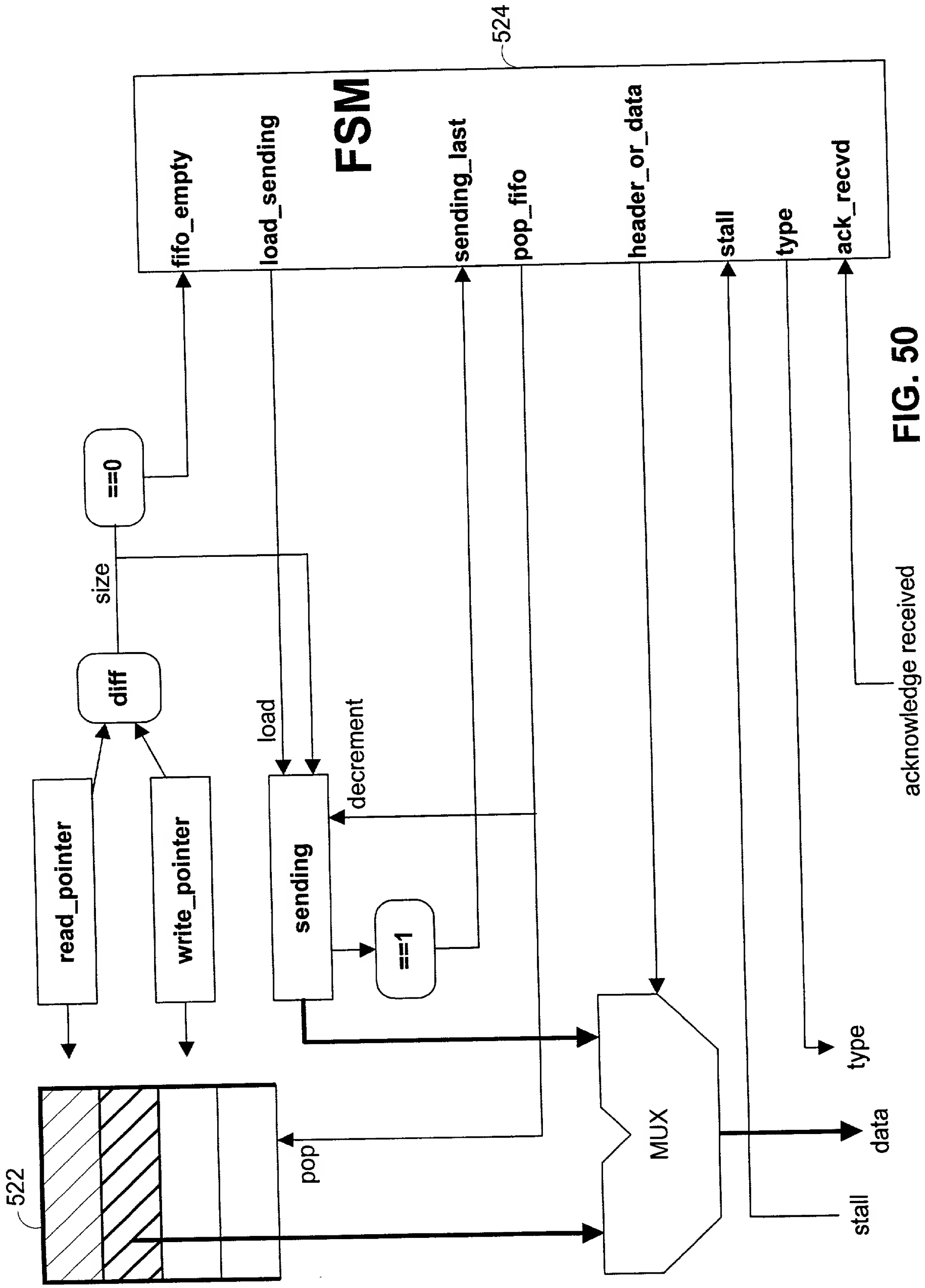


FIG. 50



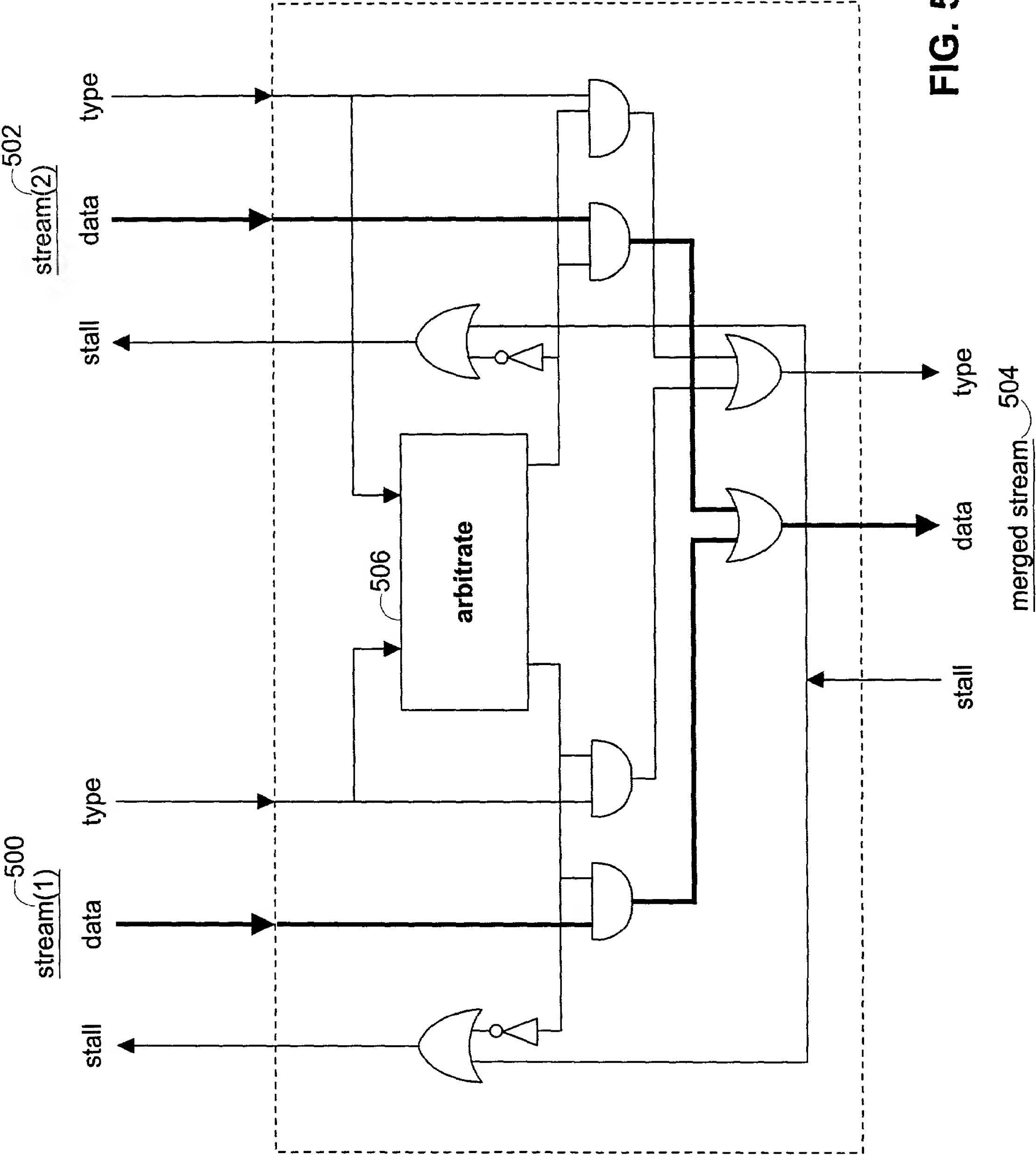


FIG. 51

stream

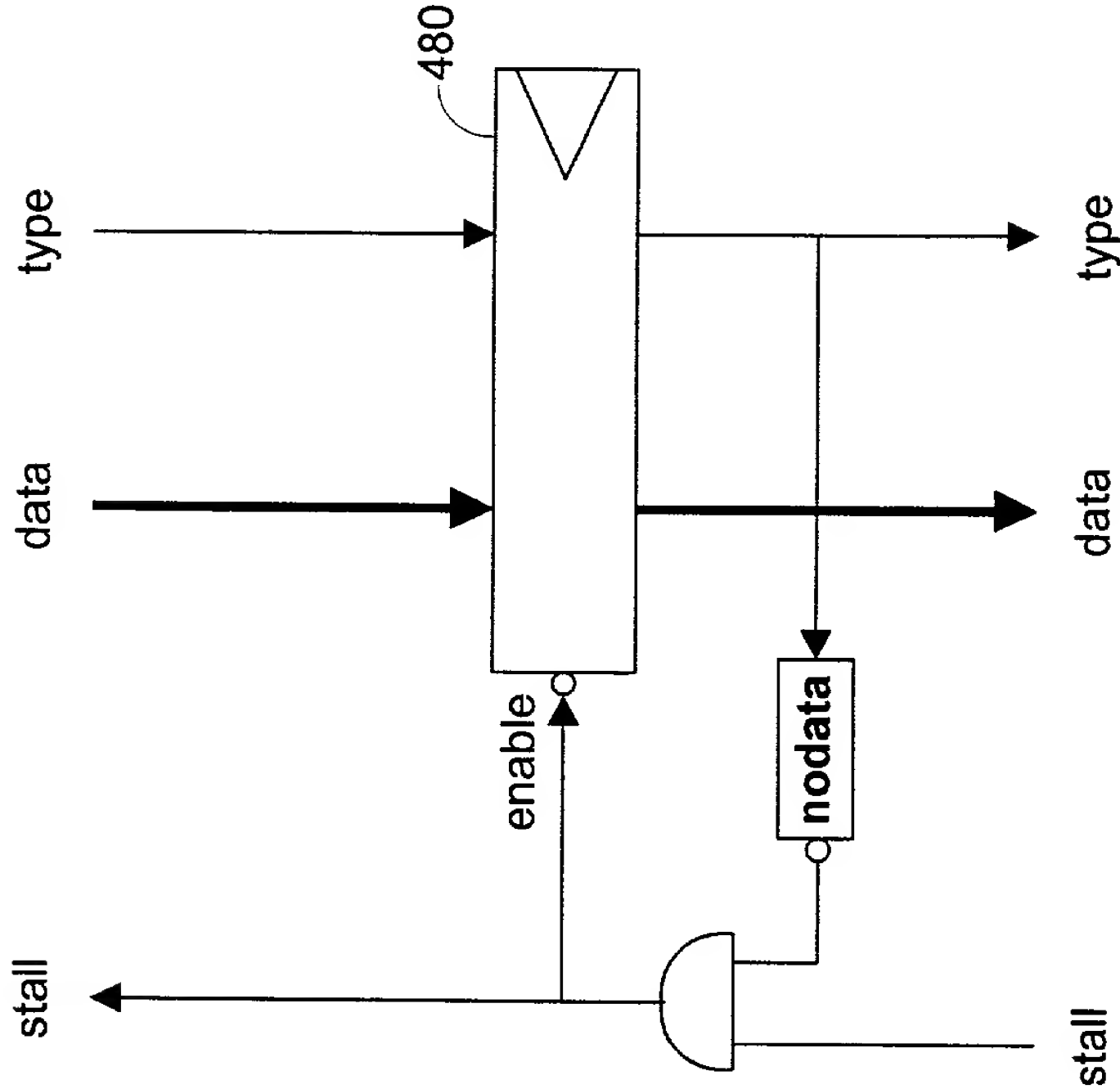


FIG. 52

stream

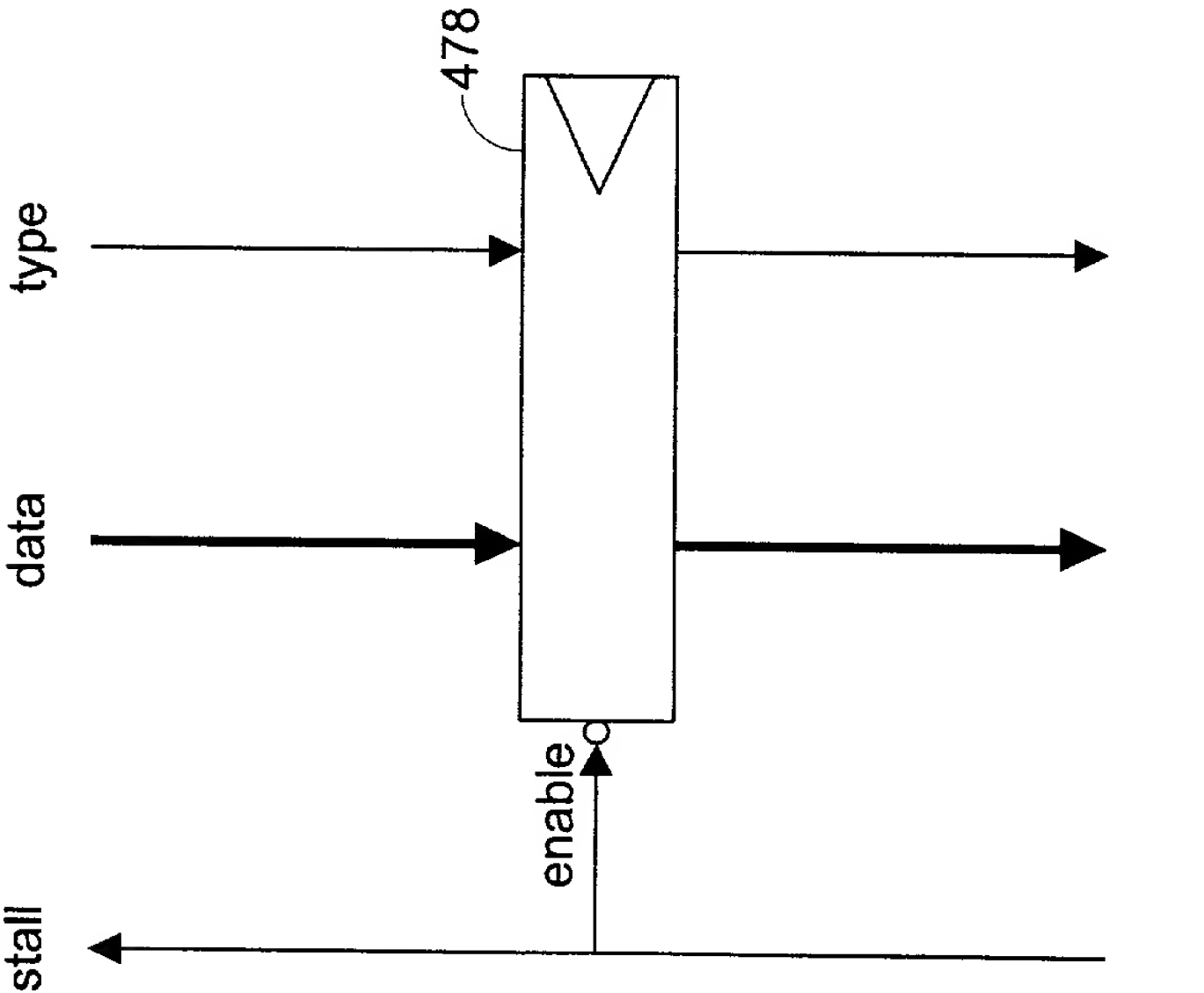


FIG. 53



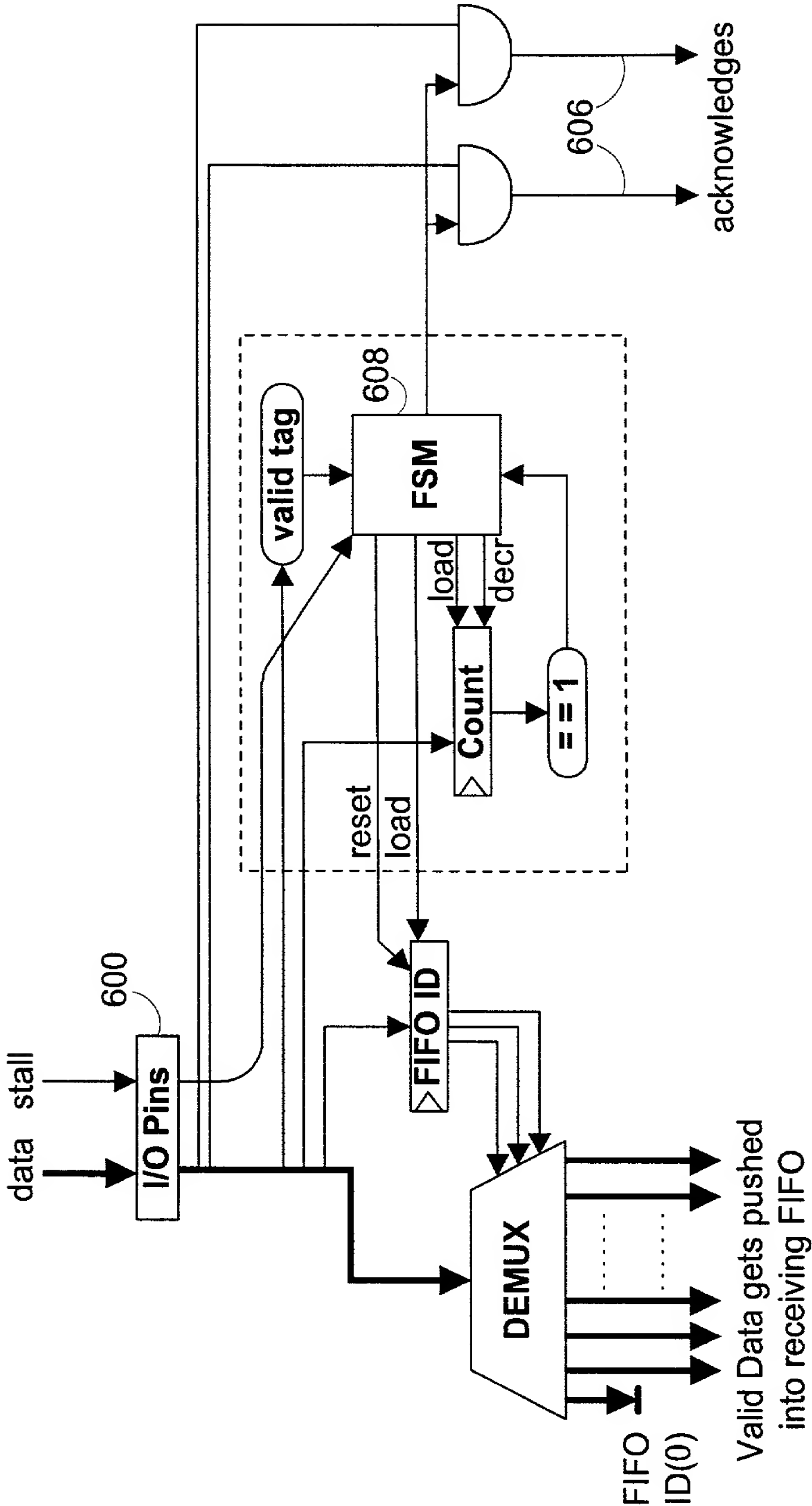


FIG. 55